

20040119.qrp v03_n170.qrl.20040119

Date: Mon, 19 Jan 2004 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3170

QRP-L Digest 3170

Topics covered in this issue include:

- 1) [165696] RE: If you had the money for a new rig...
by "Bill Rowlett" <kc4atu@hotmail.com>
- 2) [165697] Re: If you had the money for a new rig...
by Rick McKee <kc8aon@juno.com>
- 3) [165698] Re: If I had the money... Argonaut V ???
by "Brian Riley (maillist)" <n1bq_list@wulfdn.org>
- 4) [165699] Re: If I had the money...
by "George, W5YR" <w5yr@att.net>
- 5) [165700] Re: 30 meter beacon - update
by Al Scanandoah <k2zn@rochester.rr.com>
- 6) [165701] Re: If I had the money...
by "Bruce Kizerian" <kizerian@xmission.com>
- 7) [165702] FOX: AC7A Jan 13th Final Log
by "Thomas Kuehl" <ac7a@earthlink.net>
- 8) [165703] ARE YOU READY FOR SOME FOOTBALL????
by "Jerry Ford" <benlightnd13@mchsi.com>
- 9) [165704] Re: If you had the money for a new rig...
by "Mike Yetsko" <myetsko@insydesw.com>
- 10) [165705] MFGRs Data URLs
by Ed Tanton <n4xy@earthlink.net>
- 11) [165706] Re: If I had the money...
by Ed Tanton <n4xy@earthlink.net>
- 12) [165707] Re: mttty/fsk question
by <bill@n4qa.com>
- 13) [165708] Re: To go with your ScQRPion paddles...
by Dale Botkin <dale@botkin.org>
- 14) [165709] Re: mttty/fsk question
by <bill@n4qa.com>
- 15) [165710] Re: If I had the money...
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 16) [165711] Elmer 160: Lesson 7
by "John J. McDonough" <wb8rcr@arrl.net>
- 17) [165712] Add 17m to a 18 AVT
by Mark Hogan <n5obc@yahoo.com>
- 18) [165713] If I had the money!
by "James Kelley" <k4ybb@earthlink.net>
- 19) [165714] Re: Mike Boatwright on DIY Channel!

- by "Michael C. Boatright" <ko4wx@mindspring.com>
- 20) [165715] Fox - Fox Hunt Teams Results...
by "rattray" <rattray@accesscomm.ca>
- 21) [165716] Mobile, AL QRP Ops
by "Jay Henson" <aj4ay@worldnet.att.net>
- 22) [165717] FS: Emtech ZM-2 HF tuner
by "Dave Redfearn" <n4elm@comcast.net>
- 23) [165718] Re: Mobile, AL QRP Ops
by "Brian Murrey" <brian@iquest.net>
- 24) [165719] Polarity protection
by Peter Burbank <peterlee@qx.net>
- 25) [165720] Re: If you had the money for a new rig...
by "Lew Paceley" <lew@paceley.com>
- 26) [165721] FOX: This Week's State of the Hunt Address
by Tim Groat <tcgroat@earthlink.net>
- 27) [165722] 30 Meter Beacon
by Peter Burbank <peterlee@qx.net>
- 28) [165723] 30 meter QRPP beacon run results
by Tom Severt <n2uhc@yahoo.com>
- 29) [165724] Re: 30 Meter Beacon
by Tom Severt <n2uhc@yahoo.com>
- 30) [165725] K1 #1776: No smoke!
by Paul Mills <quahog@localnet.com>
- 31) [165726] Re: 30 meter QRPP beacon run results
by Tom Severt <n2uhc@yahoo.com>
- 32) [165727] Re: If I had the money... Argonaut V ???
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 33) [165728] OT: QRP-L Archives or PC address books
by "w8diz_qrpl" <w8diz_qrpl@partsandkits.com>
- 34) [165729] Re: Polarity protection
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [165730] FS: Misc Radios and other Items
by Christopher Swan <swan@vaxa.cis.uwosh.edu>
- 36) [165731] Re: QRP-L Archives or PC address books
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 37) [165732] PCB lifted pad/trace repair techniques?
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 38) [165733] Re: QRP-L Archives or PC address books
by Rob Matherly <jimrob@jetnetinc.net>
- 39) [165734] Re: ARRL Directors Meeting
by Bruce Muscolino <w6toy@erols.com>
- 40) [165735] Re: QRP-L Archives or PC address books
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 41) [165736] RE: PCB lifted pad/trace repair techniques?
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 42) [165737] Re: Some Battery charging circuits
by "Sam Binkley" <sbinkley1@cox.net>
- 43) [165738] Re: fried my hw-8... need help from hw-8 pro..

by "James Reid" <jreid4@earthlink.net>

44) [165739] Weeder PIC based counter
by tk <gamach1@ispwest.com>

45) [165740] Re: ARRL Directors Meeting
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>

46) [165741] More lists than you really wanted
by "James Reid" <jreid4@earthlink.net>

47) [165742] Re: Weeder PIC based counter
by "Terry Permenter" <top@whidbey.com>

48) [165743] Re: PCB lifted pad/trace repair techniques?
by "Mike Yetsko" <myetsko@insydesw.com>

49) [165744] HW-9 For Sale
by Curt Milton <wb8yyy@yahoo.com>

50) [165745] HC908 question
by "The Cieslak's" <kcieslak@execpc.com>

51) [165746] Re: PCB lifted pad/trace repair techniques?
by Al Scanandoah <k2zn@rochester.rr.com>

52) [165747] ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by <bill@n4qa.com>

53) [165748] Re: ARRL Directors Meeting
by "Bill Smith" <billsmith@ispwest.com>

54) [165749] RE: ARRL Directors Meeting
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

55) [165750] RE: ARRL rig reviews QSK test...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

56) [165751] Re: If you had the money for a new rig...
by brewerj@squared.com

57) [165752] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Thom R. Lacosta" <lacosta@bcpl.net>

58) [165753] RE: ARRL rig reviews QSK test...
by <bill@n4qa.com>

59) [165754] Re: End fed 80 meter wires
by Curt Milton <wb8yyy@yahoo.com>

60) [165755] Elecraft KXAT1 ATU upgrade: manual receive signal peaking
by Wayne Burdick <n6kr@elecraft.com>

61) [165756] RE: Toroids and magnets
by "Sverre Holm" <svholm2@broadpark.no>

62) [165757] Re: [ke4ma] Re: ARRL Directors Meeting
by "Mark Andrews \ (KE4MA\)" <KE4MA@KE4IOF.com>

63) [165758] Re: If I had the money...
by Curt Milton <wb8yyy@yahoo.com>

64) [165759] Re: ARRL Directors Meeting
by "Tony Martin W4FOA" <w4foa@comcast.net>

65) [165760] Re: If you had the money for a new rig...
by "K2PQ" <k2pq@comcast.net>

66) [165761] Re: ARRL Directors Meeting

by Bob Nielsen <nielsen@oz.net>

67) [165762] Re: ARRL Directors Meeting
by Howard Oakley <hoakley@btconnect.com>

68) [165763] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by John Sielke <jsielke@pobox.com>

69) [165764] Re: Measuring Ground Resistance
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>

70) [165765] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

71) [165766] Re: If you had the money for a new rig...
by "Brad Hedges" <bhedges@nc.rr.com>

72) [165767] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by <bill@n4qa.com>

73) [165768] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Mike Yetsko" <myetsko@insydesw.com>

74) [165769] RE: ARRL Directors Meeting
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

75) [165770] Repeat and Question sign
by Jack e wigal <kr8z1@juno.com>

76) [165771] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

77) [165772] RE: ARRL Directors Meeting
by "M.M." <markem@cox.net>

78) [165773] Re: Repeat and Question sign
by "Sam Binkley" <sbinkley1@cox.net>

79) [165774] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>

80) [165775] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Bill Rowlett" <kc4atu@hotmail.com>

81) [165776] RE: Repeat and Question sign
by "k6xr" <k6xr@bak.rr.com>

82) [165777] FOX Tuesday fox hunt announcement.
by Richard Clem <clem.law@usa.net>

83) [165778] Re: Repeat and Question sign
by Jack e wigal <kr8z1@juno.com>

84) [165779] ARRL Proposal
by Karl Larsen <k5di@zianet.com>

85) [165780] Shack Cleaning For Sale
by Mercxx@aol.com

86) [165781] We're still shipping paddles
by Jerry Haigwood <w5jh@swlink.net>

87) [165782] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Thom R. Lacosta" <lacosta@bcpl.net>
88) [165783] Re: ARRL Directors Meeting
by "Bill Smith" <billsmith@ispwest.com>
89) [165784] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Thom R. Lacosta" <lacosta@bcpl.net>
90) [165785] Re: [ke4ma] Re: ARRL Directors Meeting
by "Bud Haynes" <kv7g@toast.net>
91) [165786] RE: ARRL Directors Meeting
by "Thom R. Lacosta" <lacosta@bcpl.net>
92) [165787] Fw: ARRL Directors Meeting
by "n3drk" <n3drk@triad.rr.com>
93) [165788] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
94) [165789] heil hc-5
by "Anthony Felino" <wn6q@pacinfotech.com>
95) [165790] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

Date: Sun, 18 Jan 2004 23:30:47 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: bhedges@nc.rr.com, qrp-1@Lehigh.EDU
Subject: [165696] RE: If you had the money for a new rig...
Message-ID: <Law15-F115DLszWF0N20001a66c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Stay with the Ten Tec, 30 day money back except for shipping, one of the best
service departments in the industry not to mention the qsk of TT rigs. Sex
appeal for the Field, no, just slick advertising.

But, what a nice problem to have.

73, Bill kc4atu

>From: "Brad Hedges" <bhedges@nc.rr.com>
>Reply-To: bhedges@nc.rr.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: If you had the money for a new rig...
>Date: Sun, 18 Jan 2004 11:20:49 -0500
>

>Let's pretend you were getting a large-ish tax refund and were going to buy
>a new radio. The XYL won't quite go for an Orion, but under \$2,000 was
>doable...
>
>Your intended use was 90% CW and 10%SSB/Digital modes
>Casual contesting and as much DXing as reasonably available, including
>trying for all those DXpeditions.
>You had pretty much narrowed it down to a Yaesu FT-1000MP Mk V Field at
>\$1720, or a TenTec Jupiter (w/integral LDG tuner) at \$1600.
>
>I know the CW is better from the Jupiter, but there is "a mod" for improved
>keying from the Field, and the Yaesu has a much larger "sex appeal" factor.
>NOT the best reason to buy a rig, but it's there, none the less.
>
>I apologize for the bandwidth - I know it's not QRP, but *I* QRP,
>therefor....
>
>Before you say "K2", I was leaning strongly that direction, especially
>given
>the recent ARRL test release, but just don't feel like building another rig
>right now, and I like the notch/PBT/misc other features available in the
>larger rigs, along with the warranty.
>
>Thanks in advance,
>
>Brad
>K0BHC
>

Check out the new MSN 9 Dial-up fast & reliable Internet access with prime
features! <http://join.msn.com/?pgmarket=en-us&page=dialup/home&ST=1>

Date: Sun, 18 Jan 2004 18:38:38 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [165697] Re: If you had the money for a new rig...
Message-ID: <20040118.183850.9478.2.kc8aon@juno.com>

It's really amazing how big the word "IF" is ! And I guess I'm old fashioned but I would really have to to some comparing when it would come down to what new rig I would buy ! I have several rigs here, and none of them are what I would classify as the perfect rig, but then I don'd have any "upper end" rigs either ! The things I like in a rig would probably be very different than most hams today. I'm not much of a contester

except for some of the fun contests like WAS if you want to call that a contest, so I like a rig that is simple but effective ! I do operate CW more than any other mode, so good filtering and full breakin would be very near the top of the list of features to look for. Receiver sensitivity is very important, if you can't hear them, you can't work them ! Low internally generated noise is something I think a lot of manufacturers need to work on ! I have a couple of older rigs here that will hear signals that newer rigs won't ! I have an old Yaesu FT-7, and a Swan 100MX which are both solid state rigs from the 70's. The FT-7 is fairly stable, and the Swan drifts a bit, but they both have wonderfully sensitive receivers when compared to my Yaesu FT-840 and my Icom 706MKII ! I know of one instance when an FT-7 was hearing a mobile station fairly well, when a nearby station with an "upper end" rig couldn't even tell he was there ! I know this isn't scientific. but the 2 receiving stations were about 5 miles apart with wire antennas that were basically oriented in the same directions ! Another important thing to me would be simplicity in operation ! Will I be able to operate the thing out in the field without dragging the manual along with me ? I hate menus and multiple function buttons ! I think noise blankers and noise limiters that really work would be a good addition too ! I don't really like DSP and it's mushy watery sound, but would like to see noise reduction that doesn't sacrifice audio quality ! I guess I'm asking too much on that one ! Portability is a good asset too, I like to take my rigs along with me sometimes when I travel, and a 50 pound rig just makes me want to leave it at home ! Last but not least, and since I don't need anything fancy, it must be affordable !

So, I guess my perfect rig must be sensitive, selective, quiet, simple to operate, functional, good audio quality, reasonably sized, and within the means of my budget.

WELL, I CAN DREAM CAN'T I ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
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Date: Sun, 18 Jan 2004 18:43:32 -0500
From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>

To: Thomas Kuehl <ac7a@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165698] Re: If I had the money... Argonaut V ???
Message-ID: <BC308454.1D697%n1bq_list@wulfden.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I have been looking at rigs etc and following this discussion and was wondering what the general opinion is of the Argonaut V as a CW rig?

cheers ... 73 de brian, n1bq

Date: Sun, 18 Jan 2004 17:52:42 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165699] Re: If I had the money...
Message-ID: <018b01c3de1e\$2db11130\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve, my IC-756PR02 is the finest radio I have ever operated in over 57 years of hamming. Believe me, what it can do with weak and marginal signals is almost unbelievable when you first hear it. I also have a K2.

I do my Fox Hunting with the PR02 . . . 95% of my operating is QRP CW.

One man's "bells and whistles" are another man's "toolset." I don't know of a single control, feature or function on the PR02 that I do not use either daily or at least regularly.

Isn't this a great hobby where we can have the same amount of fun with either a big rig or a small one?

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 18, 2004 4:15 PM

Subject: If I had the money...

> I've never owned, nor even operated a "high end" rig. Is it really worth
> spending the big bucks for a high end rig, or do you just end up with a
> whole lot of bells and whistles and more knobs and buttons than you can
> possibly remember what they all do? And are these rigs really any good on
> CW, a mode which often seems to be added as an after thought?
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Sun, 18 Jan 2004 19:02:51 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165700] Re: 30 meter beacon - update
Message-ID: <400B1EAB.8080405@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Now 449 here when not buried beneath the data traffic.

Al, K2ZN

Date: Sun, 18 Jan 2004 17:10:08 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Thomas Kuehl" <ac7a@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165701] Re: If I had the money...
Message-ID: <004501c3de20\$99e8dac0\$be0746a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now If I was REALLY wealthy I'd just give away parts to anyone who wanted to

give radio a try...but I haven't figured out how that "independently wealthy" lifestyle works yet...

Bruce kk7zz

Date: Sun, 18 Jan 2004 17:17:41 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165702] FOX: AC7A Jan 13th Final Log
Message-ID: <001f01c3de21\$a79f7c40\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy,

Here is my final FOX log for the January 13th (Jan 14th UTC) hunt. We had a couple of participants that didn't check out on QRZ, or the FOX hunt archives. They have been removed from the log.

My thanks to all for your participation in the hunt, and good sportsmanship.

Regards, Thomas - AC7A (Tucson)

Hunt 23 - AC7A

UTC	CALL	RST	SPC	NAME	PWR(W)
0200	N9NE	559	WI	TODD	5
0201	KK5LD	559	TX	DON	5
0202	N4ROA	559	VA	DAN	5
0202	K3PH	559	PA	BOB	5
0203	KB9YIG	559	IN	TONY	2
0204	N1FN	559	CO	ET	5
0205	N0DT	559	MO	DAN	5
0206	KL7V	559	OK	SAM	5
0207	KG6CYN	559	CA	TREV	5
0208	NK6A	559	CA	DON	5
0209	K6VNX	599	CA	ARLEN	5
0209	W5TB	559	TX	DOC	5
0210	N3BJ	559	VA	ALAN	5
0211	K5UV	559	OK	MIKE	5

0211	AC5JH	559	OK TOM	5
0212	N9AU	599	WI RON	5
0213	VA6RF	579	AB EARL	5
0214	W5YR	559	TX GEORGE	5
0215	WB4X	559	NC BRENT	5
0216	K5JHP	559	TX BILL	5
0217	K9ARZ	559	IL LARRY	10
0219	VE6JAZ	559	AB ROB	5
0219	K0LOA	559	TX DWAIN	5
0221	K6XR	599	CA REGGIE	5
0222	AA50	559	LA VERN	5
0222	K5DW	559	TX DON	5
0223	WA8BXN	559	OH MIKE	5
0224	K5EOA	559	LA WAYNE	5
0225	W0PWE	579	IA JERRY	5
0226	K7JUB	599	AZ AL	5
0227	AG0T	559	ND TODD	4
0229	K6IA	559	CA WARD	5
0230	K0MAX	559	MN MAX	5
0231	KQ5U	559	TX TERRY	5
0232	K3ESE	559	MD LLOYD	5
0233	K8KFJ	559	WV GARY	5
0234	KG0PP	559	CO JIM	5
0235	N4DD	559	TN DENNIS	5
0236	WA5BDU	559	AR NICK	5
0237	KT5V	559	TX DAVID	5
0237	WB8YYY	559	MD CURT	5
0240	KD5UDB	549	LA CHRIS	5
0241	KB2FEL	559	WV BOB	5
0242	W0UFO	559	MN MERT	5
0244	W5USJ	559	TX CHUCK	5
0245	NV4V	559	KY PETE	5
0246	W0ANM	339	MN CHRIS	5
0247	W4NJK	559	CA CHARLIE	5
0248	AJ4AY	559	AL JAY	5
0250	W9XT	559	WI GARY	5
0251	N0JRN	559	MO JERRY	5
0252	K0UU	559	MN JEFF	5
0253	W0RSP	559	SD ADE	5
0255	K9TJL	559	IL TJ	5
0256	WA9TZE	579	WI JIM	5
0258	K2PQ	559	NJ FRANK	5
0259	K5ZTY	559	TX BILL	5
0300	KC1FB	559	CT JIM	5
0301	AF4LQ	559	KY MIKE	5
0302	W7GB	559	WA DON	5
0303	W2LJ	559	NJ LARRY	5
0305	N5YFC	559	LA LARRY	5

0308	W9XU	559	WI LON	5
0309	NK9G	559	WI RICK	5
0310	N9AW	559	WI JERRY	5
0311	N1TP	559	FL TOM	5
0313	K9IS	559	WI STEVE	5
0314	K7HBN	559	WA GEORGE	5
0316	W7AQK	599	AZ DAVE	5
0318	AB9CA	559	AL DAVE	5
0322	AG4PJ	559	AL DAVE	5
0327	AK5X	439	TX BILL	5
0328	KG4LDY	559	VA JIM	5
0332	WE9K	339	IL GLENN	5
0333	WA8HSB	579	AL JOHN	10
0337	KJ0C	559	MO JIM	5
0341	W8YMO	569	OH HARRY	3
0343	N0AR	559	MN SCOTT	5
0345	VE3ELA	339	ON KEN	5
0349	VE7HHH	559	BC BLAIR	10
0351	W8RU	559	MI RON	5
0353	K0PC	559	MN PAT	5
0357	K5SR	559	TX DALE	5
0358	WA8ZBT	339	TX DENNIS	5
0400	VE4WI	XXX	MB FOX	5
0400	AC7A	XXX	AZ FOX	5

Date: Sun, 18 Jan 2004 18:24:12 -0600
 From: "Jerry Ford" <benlightnd13@mchsi.com>
 To: "FPigs" <fpqrp-1@mpna.com>,
 "Elecraft@mailman.qth.net" <elecraft@mailman.qth.net>
 Cc: "FSQRP" <4sqrp@mailman.qth.net>, "qrp-1" <qrp-1@lehigh.edu>
 Subject: [165703] ARE YOU READY FOR SOME FOOTBALL????
 Message-ID: <000e01c3de22\$91486140\$4a78da0c@mchsi.com>

NAW !!!!!!!!

Come chase a different kind of pig skin. The RUN FOR THE
 BACON sprint will fire up in a little bit. 0100z to 0300z
 TONIGHT !!!!!!!

Come out and play with all us piggies and have some fun.

I'll be running on a newly finished rig and giving it a good smoke
 test so I'll be looking for some honest reports in this little run.

Hope to see you all there (piggies and Non Piggies alike)

See the rules and suggested freq's at www.fpqr.com/fpqrprun.html
and don't forget to give that AUTOLOG a workout cuz it's SS00000
easy.

Don't forget our piggie partners that are running up in the band on
7.113 - 7.116

C U there in few minutes.

72 es oo Jerry NOJRN
FP # 546, 4SQR, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sun, 18 Jan 2004 19:25:30 -0500
From: "Mike Yetzko" <myetzko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165704] Re: If you had the money for a new rig...
Message-ID: <[009901c3de23\\$5bb1b3a0\\$0200a8c0@charter.net](mailto:009901c3de23$5bb1b3a0$0200a8c0@charter.net)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I already have the K2. But I still have an itch that needs
scratched,
and the only scratcher that could really do the job would be the 817.

On the other hand, That new 'suitcase' thing, I think the 897, is kind of
neat. If I had the money, I'd buy that first. But then still probably
want and 817 just for that one itch. (I want a 'hiker' radio to take on
top of a ski mountain and be able to run a few contacts with between
runs.)

Mike

Date: Sun, 18 Jan 2004 19:49:27 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [165705] MFGRs Data URLs

Message-ID: <6.0.1.1.2.20040118192914.01f60dc0@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I was roaming around again, and noticed a nice one-place-source for a number of manufacturers at:

<<http://www.reed-electronics.com/ednmag/community/2281/Analog+ICs%2FDiscretes>>

.

This is part of the EDN website. There's at least 9. Even if you already have them, the website's worth investigating.

The mentioned "ON" site (new owner of Motorola Semi) doesn't work... it is really ONSEMI: <<http://www.onsemi.com/>> and also...

they could have mentioned:

Crystalonics: <<http://crystalonics.com/home.htm>>;

Cypress Semi: <<http://www.cypress.com/>>;

Intersil: <<http://www.intersil.com/cda/home/>>;

National Semi: <<http://www.national.com/>>;

Phillips Semi: <<http://www.semiconductors.philips.com/>>;

and Vishay: <<http://www.vishay.com/>>.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Sun, 18 Jan 2004 19:55:22 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165706] Re: If I had the money...
Message-ID: <6.0.1.1.2.20040118195221.0206dec0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There is no question in my mind what I would immediately buy (but it's not a "rig"): a Ten-Tec RX-340 HF Receiver. I'd immediately call 'em to see if I could drive up and pick it up-preferably as quickly as the trip from Atlanta to Sevierville, TN could be accomplished in my M3 and Valentine radar/laser detector.

Ed

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sun, 18 Jan 2004 20:05:27 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>

Subject: [165707] Re: mttty/fsk question
Message-ID: <000301c3de28\$555e3000\$5b26ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken and the gang,

I'm not at all familiar with the PTT or CW keying circuits or the FSK input circuit of the FT-301D.

For Rock-Mite-RTTY and for RTTY using the DSW-20...with the MMTTY V1.65 app...I use two simplified versions of the interface circuit shown in the MMTTY help file.

One circuit is the level-shifter for xcvr T/R control output and the other is the level-shifter for the FSK output.

For the 9-pin DE9 serial port connector on my ThinkPad, I'm using :

Pin 1 for common.

Pin 3 for TXD...this is the FSK(mark/space)output.

Pin 7 for RTS...this is the xcvr T/R control output.

Does the above sound anything like your FT-301D interface?

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sun, 18 Jan 2004 19:16:44 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [165708] Re: To go with your ScQRPion paddles...
Message-ID: <Pine.LNX.4.33.0401181911410.7361-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 18 Jan 2004, Paul J Mackanos, Jr. wrote:

> Well, I sort of found the problem, seems my Zone Alarm blocks the page as a
> pop-up. (I do not like pop-ups).I went into the url as
> www.hamgadgets.com/stores and got the info I needed and ordered the keyer.
> Still haven't seen the main page contents, anyone know what to do to see it
> ? Am I missing anything ??
> 72 de Paul K2DB

I think you probably have seen it. The main URL just redirects to www.hamgadgets.com/store, which is the main page. So I'd say you're not missing anything. Odd that a popup blocker messes with it, though. I use Mozilla, mostly, with popups blocked and it never complains. But if it meant no more stupid ads, I'd put up with a lot.

It is my humble opinion that perpetrators of popup ads and SPAM should all be lined up for some career adjustment exercises, preferably conducted with cattle prods and cactus needles.

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control is here!

Check <http://www.hamgadgets.com> for news.

Date: Sun, 18 Jan 2004 20:18:50 -0500

From: <bill@n4qa.com>

To: <qrp-1@Lehigh.EDU>

Subject: [165709] Re: mttty/fsk question

Message-ID: <000901c3de2a\$33798320\$5b26ad80@f1n5n8>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Oops! Let me give that another try :0)

For the DE9 serial port connector, that's:

Pin 3 for TXD...mark/space FSK.

Pin 5 for circuit common.

Pin 7 for RTS...xcvr T/R control.

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sun, 18 Jan 2004 19:19:20 -0800

From: "Michael Melland, W9WIS" <w9wis@charter.net>

To: <n4xy@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165710] Re: If I had the money...
Message-ID: <001501c3de3b\$07868900\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

I'd ask you to pick one up for me too and take 30 minutes extra to run it up to Oshkosh for me on your way home in that M3 <grin>.

Mike, W9WIS

Date: Sun, 18 Jan 2004 20:25:27 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165711] Elmer 160: Lesson 7
Message-ID: <054501c3de2b\$1f401800\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lesson 7 is now on the AmQRP site:

<http://www.amqrp.org/elmer160/>

We only have a couple more lessons before we are ready for those PIC-EL's, and George is getting them organized to go, so it looks like the timing is going to work out perfectly.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 Jan 2004 18:40:31 -0800 (PST)
From: Mark Hogan <n5obc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [165712] Add 17m to a 18 AVT
Message-ID: <20040119024031.95824.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Has anyone added 17m to their 18 avt? I was thinking about adding plastic standoffs, and running a 1/4 wave wire up alongside the verticle. Anyone tried something like this?
I know at the least I will need to do some retuning...

Too cheep to buy a new verticle, and this one still works great.

Mark Hogan / N50BC

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Sun, 18 Jan 2004 21:43:10 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [165713] If I had the money!
Message-ID: <410-22004111924310951@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Well I already have a 756PR02 . So "If I had the money," I would build a new clubhouse for the local Amateur Radio Club. They could sure use it. Meetings now are full to overflowing and we do not want to discourage and or turn away anyone just because our club house is too small. So, yes, "If I had the money" I would build The Local Amateur Radio Club a new club house."

k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Sun, 18 Jan 2004 21:39:23 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: LarryIngalls@alumni.usc.edu, aa2bn@comcast.net,
kc5gx1@sbcglobal.net
Subject: [165714] Re: Mike Boatwright on DIY Channel!
Message-ID: <5.0.2.1.2.20040118213327.0319a858@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks guys. They gave me a copy of it, but I've never seen it on the air.

The experience was bittersweet. When the producer asked if he could do the piece, he wanted to come over to my shack, a small 5'x10' former closet/utility room. I told him that where he really wanted to shoot it was at W3IRZ's shack, which was like doing it in a museum. Worked out nicely, because he shot Mike at the same time. Mike's tape came about the same time mine did, but he was in the hospital in the final throws of his cancer, and never got to see the results of our work. However, Caroline, his widow, now has a permanent record (albeit only about 3 minutes long) of Mike doing what he absolutely loved doing the most.

72 de Mike, K04WX
Michael C. Boatright

Date: Sun, 18 Jan 2004 21:29:52 -0600
From: "rattray" <rattray@accesscomm.ca>
To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>,
"Roger Wendell" <rogerwendell@rogerwendell.com>
Subject: [165715] Fox - Fox Hunt Teams Results...
Message-ID: <000001c3de3c\$838a9f90\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hunt # 23 - AC7A -

QRP Cheeseheads - 85

Cajun Thunder - 72

Jerry - N9AW *

Wayne - K5E0A *

Rick - NK9G * Clean

Wayne - N5YFC *

Gary - W9XT * Sweep
Lon - W9XU *
Jim - WA9TZE *

Vern - AA50 *
Jim - N5IB
Chris - KD5UDB *

The Underdogs - 76

Team Air Pork - 50

Dan - N4ROA *
Dennis - N4DD *
Bob - KB2FEL *
Dave - W0CH
Ron - KI0II

Wayne - K9DI
Mike - KD5KXF
Dave - AG4PJ *
Randy - W9HL
Jerry - N0JRN *

Raiders of the Lost RF - 37

The NE-TX Tornados - 90

Rob - VE6JAZ *
Craig - VE4WI *
Fred - VE3FAL
Earl - VA6RF *
Bruce - VE5RC

Bill - K5JHP *
Don - K5DW *
Doc - W5TB *
Lew - N5ZE
George - W5YR *

...please e-mail me direct with corrections, changes...tnx....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 18 Jan 2004 21:46:00 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>

To: "Elecraft List" <elecraft@mailman.qth.net>,
"qrp-1" <qrp-1@lehigh.edu>
Subject: [165716] Mobile, AL QRP Ops
Message-ID: <BNEPJEFBCHHJONFNPKOFKEAFCBAA.aj4ay@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Despite the damp weather, eight QRP ops from around the Mobile area gathered at K4ZM's place yesterday and had a very nice time.

Present were Bill K4VIB, Dave AB9CA, Johnny KD4OR0, Ken N4S0, Larry W4DEC, John WA8HSB, Jim K4ZM and yours truly.

Jim had quite a display of QRP rigs and goodies on his pool table. Everyone brought a little something for show and tell. Some of the rigs were a K2, a KX1, a Red Hot 20, Sierra Wilderness, MFJ 9040, MFJ Cub and a MultiPig Plus. Homebrew goodies included a DDS based VFO, Azscqrpions key, pc board paddles & keyer, 10 mHz freq standard, and a noise generator. There was also an Elecraft KPA100 mounted in an EC2 enclosure (drooooool). We talked, looked, touched and ate for a couple of hours. It doesn't get any better than that.

Jim showed us the video from the RACCOONS trip to Middle Bay lighthouse in 1993 for field day. RACCOONS is the acronym for Radio Amateurs CW Contest Operators Operating in Natural Surroundings.

Thanks to Jim for providing a place for a very fun afternoon and thanks to the local QRP group for showing the interest. We are making plans to get together again in March. If you find yourself down in our neck of the woods, make plans to join us.

My best to all.

Jay
AJ4AY
Mobile, AL
QRP-L 1372, FP -115

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.562 / Virus Database: 354 - Release Date: 1/16/2004

Date: Sun, 18 Jan 2004 21:52:39 -0600

From: "Dave Redfearn" <n4elm@comcast.net>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>
Subject: [165717] FS: Emtech ZM-2 HF tuner
Message-ID: <000501c3de3f\$af9aa780\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Emtech ZM-2 ATU kit - built

For balanced and unbalanced antennas 80 - 10 Meters

Tuner is in good condition, has SO-239 connectors

Description: <http://www.emtech.steadynet.com/zm2.shtmlp>

Asking \$75.00 obo

shipping to lower 48, USA

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKcomcast.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 18 Jan 2004 23:06:11 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <aj4ay@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165718] Re: Mobile, AL QRP Ops
Message-ID: <001701c3de41\$936bc560\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You guys were in force tonight for the Run for the Bacon contest.

I worked you, and KD4OR0, and WA8HSB...going for my WAMQ award (Worked All Mobile QRPers)...and by Mobile I mean MO-BEEEL not mobile like in a automobile.

Thanks for being part of it!!

So....youse guys coming to FDIM?? How's about FD??

72

----- Original Message -----

From: "Jay Henson" <aj4ay@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, January 18, 2004 10:46 PM

Subject: Mobile, AL QRP Ops

> All,

>

> Despite the damp weather, eight QRP ops from around the Mobile area gathered

> at K4ZM's place yesterday and had a very nice time.

>

> Present were Bill K4VIB, Dave AB9CA, Johnny KD4OR0, Ken N4S0, Larry W4DEC,

> John WA8HSB, Jim K4ZM and yours truly.

>

> Jim had quite a display of QRP rigs and goodies on his pool table.

Everyone

> brought a little something for show and tell. Some of the rigs were a K2, a

> KX1, a Red Hot 20, Sierra Wilderness, MFJ 9040, MFJ Cub and a MultiPig Plus.

> Homebrew goodies included a DDS based VFO, Azscqrptions key, pc board paddles

> & keyer, 10 mHz freq standard, and a noise generator. There was also an

> Elecraft KPA100 mounted in and EC2 enclosure (drooooool). We talked, looked,

> touched and ate for a couple of hours. It doesn't get any better than that.

>

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> 1993 for field day. RACCOONS is the acronym for Radio Amateurs CW Contest

> Operators Operating in Natural Surroundings.

>
> Thanks to Jim for providing a place for a very fun afternoon and
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> the local QRP group for showing the interest. We are making plans to
get
> together again in March. If you find yourself down in our neck of the
> woods, make plans to join us.
>
> My best to all.
> Jay
> AJ4AY
> Mobile, AL
> QRP-L 1372, FP -115
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.562 / Virus Database: 354 - Release Date: 1/16/2004
>
>
>

Date: Sun, 18 Jan 2004 23:48:26 -0500
From: Peter Burbank <peterlee@qx.net>
To: qrp-l@lehigh.edu
Subject: [165719] Polarity protection
Message-ID: <5.2.0.9.0.20040118231736.00a47840@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I dummed up a polarity protection circuit for higher current and low
voltage drop.
It was mentioned to me by an old friend about 30 years ago and I always
wanted to try
it.
It starts with a TO-3 PNP germanium transistor. Jump the base to collector
with a few K ohms.
+ supply in goes to the emitter and load to the collector. At 500 mA the
drop was 133mV.
Those with old junk boxes like me can probably come up with an old
germanium power
transistor. Of course wrong polarity current was 0.
I don't have a need for these as I use the "National Enquirer Method" prior
to connecting.
You know, check. double check and triple check.

The funniest mistake I ever saw was a guy building an extender card for a big EMG machine.

With bated breath we watched as he threw the switch and the smoke rolled out and it spit

chart paper out at about 300 feet/minute. :-)

73 to all

Pete NV4V

Date: Sun, 18 Jan 2004 22:53:04 -0600

From: "Lew Paceley" <lew@paceley.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: <bhedges@nc.rr.com>

Subject: [165720] Re: If you had the money for a new rig...

Message-ID: <003a01c3de48\$22ffb1e0\$6501a8c0@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Hi Brad,

I have a FT1000MP which I really, really like. I've not played with a Jupiter yet but I doubt the receiver performance is even close, never mind the other feature differences between the rigs. Check out the ARRL reviews for a detailed, objective comparison if you haven't already.

Note however, that you must add additional crystal filters to truly tap the performance of the FT1000MP and Field. The INRAD crystal filters are the favored choice for most, and, depending on which IF stage you are purchasing for, will run between \$115 and \$155 each. The 250 Hz pair, which I would recommend for a CW op, will set you back \$270. If you want a CW filter for the subreceiver that will add another \$155 or so, again assuming the INRAD crystal filters are chosen.

You can do what I did and save significant money by purchasing a used FT1000MP and adding in the INRAD filters.

If you really have your heart set on purchasing a new Field, I would also suggest taking a look at the Icom 756ProII. The "loaded" Field will probably be very close in price to the ProII. Or, if you don't need dual receive, digital voice recorder, color spectrum display, etc., the Icom 746Pro might be appropriate.

Choosing a new rig...a good problem to have :) Good luck es

72/73,
Lew
N5ZE

Date: Sun, 18 Jan 2004 21:55:11 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [165721] FOX: This Week's State of the Hunt Address
Message-ID: <5.1.1.6.2.20040118213615.00a11ec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

We've scheduled the hunt for exactly the same time as the annual State-of-the-Union address: this coming Tuesday at 7pm MST. Please put a tape in the VCR, and come join the chase! While the president has every TV channel at his disposal, I'll limit myself to a small slice of the spectrum just below 7040 kHz. I'll be calling CQ FOX KR0U, and listening split a kHz or so up until the pack thins out. I'll listen on frequency if (when) things slow down. I will send (call) RST CQ TIM 5W (call).

Good luck to all hounds!

72,
--Tim (KR0U)

Date: Sun, 18 Jan 2004 23:55:30 -0500
From: Peter Burbank <peterlee@qx.net>
To: qrp-l@lehigh.edu
Subject: [165722] 30 Meter Beacon
Message-ID: <5.2.0.9.0.20040118235010.00a36040@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I heard it briefly here in Ky about 1800 EST .
Is 100 mW correct copy? Since this area of 30 M is the packet allocation it might be better to find a mid band location.
Pete NV4V

Date: Sun, 18 Jan 2004 21:12:28 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: HF Beacon list <hfbeacons@explore.plus.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165723] 30 meter QRPp beacon run results
Message-ID: <20040119051228.54015.qmail@web9609.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Here are the results of the 100 mW beacon operation today:

30 Meter Beacon Run Results

Date: 18 Jan 2004

Time Heard (Z)	Location heard	Signal Level
1400	Denver, CO	549
1515	Oak Lawn, IL	429 w/ QSB
1556	Champaign, IL	S7
1715	Point, TX	549 w/ QSB
1800	Mobile, AL	Weak
1807	Westminster, MD	Weak
1813	Houston, TX	539
1830	Downer's Grove, IL	459
1855	Corpus Christi, TX	Weak
2302	Rochester, NY	449
2330	Muncie, IN	339

My thanks to everyone who reported hearing the beacon.
QSL's will be sent out soon.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Sun, 18 Jan 2004 21:16:09 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: peterlee@qx.net,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165724] Re: 30 Meter Beacon
Message-ID: <20040119051609.93886.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Peter Burbank <peterlee@qx.net> wrote:
> I heard it briefly here in Ky about 1800 EST .
> Is 100 mW correct copy? Since this area of 30 M is
> the packet allocation it
> might be better to find a mid band location.

100 mW is correct. I would like to lower the frequency to get away from the digital stuff, but I think I'm going to need to rework the circuitry. But for now I'm going to leave it as it is.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 19 Jan 2004 05:18:04 +0000 (UTC)
From: Paul Mills <quahog@localnet.com>
To: elecrafft@mailman.qth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165725] K1 #1776: No smoke!
Message-ID: <Pine.LNX.4.53.0401190510440.1054@daystar.localnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, I completed 'Alignment and Test, Part I', and none of the smoke escaped from any of the components! Heck, I figured by now I woulda had SOME kind of problem. Nope, things went smooth as silk; LEDs flashed, got e42, relays clicked, and dits 'n' dahs came outta the phones.

Maybe I'll be able to give a listen for Tuesday night's foxes...

Paul KB1GEJ

Date: Sun, 18 Jan 2004 21:22:57 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: hfbeacons@explore.plus.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165726] Re: 30 meter QRPP beacon run results
Message-ID: <20040119052257.31602.qmail@web9602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sorry, forgot to add Wayne's logs to the list:

1541Z
1933Z
1954Z
2141Z
2300Z

Busby, MT

Will send your QSL.

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 19 Jan 2004 00:35:58 -0500
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: <n1bq_list@wulfdn.org>
Cc: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [165727] Re: If I had the money... Argonaut V ???
Message-ID: <005301c3de4e\$1e9c9720\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 18, 2004 6:43 PM
Subject: Re: If I had the money... Argonaut V ???

> I have been looking at rigs etc and following this discussion and was
> wondering what the general opinion is of the Argonaut V as a CW rig?
>
> cheers ... 73 de brian, n1bq

Howdy Brian:

I have had my ARGO V for several months now and simply love it on CW. Just about the best QSK around and in CW mode it generates a nice, pleasant to listen to, sinewave sidetone.

The IF DSP filtering is really something to experience variable right down to 200hz and no ringing.

I consider the ARGO V to be an excellent rig for the price.

73, Joe W2KJ
North Carolina
I QRP, therefore, I am

Date: Mon, 19 Jan 2004 06:38:07 -0500
From: "w8diz_qrpl" <w8diz_qrpl@partsandkits.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165728] OT: QRP-L Archives or PC address books
Message-ID: <005501c3de80\$b5ad4ec0\$6601a8c0@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Less than a month ago, I decided to change my email address because I was receiving way too much spam. Since I own a couple of domain names, I decided to create unique email addresses to track abuse. Well, the first email address that is getting spammed hard is w8diz_qrpl@partsandkits.com

Guess I'll change it to w8diz_qrpl_V2

Either robots are scanning those computers that archive our emails
or individual PCs are being abused by forwarding their address books.

This can sure get me in a bad mood :(
Just venting here...

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

Date: Mon, 19 Jan 2004 07:14:12 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <peterlee@qx.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165729] Re: Polarity protection
Message-ID: <009a01c3de85\$c0f1e200\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> The funniest mistake I ever saw was a guy building an extender card for
> a
> big EMG machine.
> With bated breath we watched as he threw the switch and the smoke rolled
> out and it spit
> chart paper out at about 300 feet/minute. :-) :-)
> 73 to all
> Pete NV4V

Reminds me of the old DataProducts P-50 printer that Radio Shack
sold as the WP-1, their first daisy wheel.

It used a DC motor for platen (paper feed). One common failure was
the control board would provide fixed voltage, the motor would turn
on, and the paper would come out at warp nine. Have a sheet feeder
attached and ... Or a box of fanfold paper...

Think you can get to the switch before more than half a box of paper
is gone?

Date: Mon, 19 Jan 2004 07:22:56 -0600
From: Christopher Swan <swan@vaxa.cis.uwosh.edu>
To: qrp-l@Lehigh.EDU
Subject: [165730] FS: Misc Radios and other Items
Message-ID: <6.0.0.22.2.20040119071858.01b503a8@vaxa.cis.uwosh.edu>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=us-ascii

Hello All

I have some amateur radio items (radios,keys,etc) for sale. please go to my web site to see photos of the items.

The web address is <http://clarkbox.pointclark.net>

Please contact me off list at swan@uwosh.edu for prices. Thanks for the bandwidth.

Chris KA5AOK

Date: Mon, 19 Jan 2004 06:48:43 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: <w8diz_qrpl@partsandkits.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165731] Re: QRP-L Archives or PC address books
Message-ID: <005a01c3de92\$f4b5ea20\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Diz,

----- Original Message -----

From: "w8diz_qrpl" <w8diz_qrpl@partsandkits.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 19, 2004 4:38 AM
Subject: OT: QRP-L Archives or PC address books

> Hi Gang,

> ...

>

> Either robots are scanning those computers that archive our emails

> or individual PCs are being abused by forwarding their address books.

>

Both.

> This can sure get me in a bad mood :(Just venting here...
...

Life on "the net".... Want to see how easy it is to get your email, and info about you: Type your callsign into Google.

If you register a Domain name your info can/was/is being "harvested" from "whois" servers as well.

One small thing that can help, maybe, is to not post your email address in a "mailto" link on web sites. Too easy to harvest. Place the info in a graphic image so that it can be read by humans, but not machines. You can also link that image to a small chunk of Javascript to send email when clicked. This obfuscates your address from harvesting techniques. I say maybe about this method because "harvesting" techniques may have become more sophisticated since I dug into the matter long ago.

This does not solve the problem of newsgroup/email reflector archives exposing your email address. (See those Google finds mentioned above) To mitigate this problem requires the use of temporary/disposable email addresses, and the discipline to change regularly the email address(es) used in public. A variation of OTP (one time pad) cryptography.

GL

73, Rod N0RC

Date: Mon, 19 Jan 2004 07:05:12 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>, <elecraft@mailman.qth.net>
Subject: [165732] PCB lifted pad/trace repair techniques?
Message-ID: <007701c3de95\$41dafd70\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Occasionally I encounter a lifted pad/trace on equipment I'm working on.

I'm looking for a really good professional way to repair these faulty connections.

Traces are easy, "blue-line" wire to bridge the gap.

But what about pads, especially on boards with plated through holes? Are there "industry" standard techniques detailed and documented somewhere?

73, Rod NØRC

Date: Mon, 19 Jan 2004 08:30:03 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165733] Re: QRP-L Archives or PC address books
Message-ID: <400BE9EB.2000805@jetnetinc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Rod NØRC wrote:

>Life on "the net".... Want to see how easy it is to get your email, and
>info about you: Type your callsign into Google.
>
>

Well, we have nothing to worry about now that spam has been made illegal
snicker

--
72/73/oo - Rob, WØJRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPP-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmatherly.com> <--- Not ham related!

Date: Mon, 19 Jan 2004 10:12:20 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com, qrp-l@lehigh.edu
Subject: [165734] Re: ARRL Directors Meeting
Message-ID: <400BF3D4.C28646CF@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

I agree on most of your post. However there is one nit I'd like to pick with you. Your "new" view of the code requirement is probably, actually, as old as the license itself. I can remember the same argument being used and published in some magazines way back in the mid-50s. There has always been a contingent who said their right to enjoy ham radio was being infringed by the unrealistic requirement to know the old archaic code.

As for me, I don't think that code is all that hard. You find a method that suits your learning style and spend the time. Incidentally, I have noticed that 3 to 4 weeks is all it takes if you have matched the teaching method to your learning style.

I belong to the last group, the 5, 13, and 20 wpm group. I didn't have the benefit of G4FON's software or any other computer learning method. Computers had not reached the state where anybody could have one at home in 1954. Besides, they didn't have audio interfaces yet. I learned the code all by my loneliness. I always thought that if I could do it anyone could! Was/am I being unrealistic?

I also agree with you about the League. I think it is the only organization we have ever had supporting us. Of course, I couldn't quit if I wanted to, at least not without repercussions, I have a Life Membership!

7

Date: Mon, 19 Jan 2004 10:25:10 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: Rob Matherly <jimrob@jetnetinc.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165735] Re: QRP-L Archives or PC address books
Message-ID: <Pine.GS0.4.58.0401191024120.24601@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jan 2004, Rob Matherly wrote:

> Rod NØRC wrote:

>
> >Life on "the net".... Want to see how easy it is to get your email, and
> >info about you: Type your callsign into Google.
> >
> >
>
> Well, we have nothing to worry about now that spam has been made illegal
> *snicker*

But isn't a real shame that the guy that invented the Internet didn't
outlaw SPAM at the git-go?

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Mon, 19 Jan 2004 10:32:57 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: rc7039-hr@yahoo.com, qrp-1@Lehigh.EDU
Subject: [165736] RE: PCB lifted pad/trace repair techniques?
Message-ID: <Law11-F109AMNZF1H7800004d67@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Rod,

Not sure if it was on here or not, but a while back, someone mentioned
something about "eyelets" that are used for that purpose. I think they were
brass IIRC, and you had to drill out the hole in the PCB a bit to get them
to fit in there.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan
MultiPig+ #3 - K2 #3555
DSW-II-20 - SW-40+ - SW-30+
RM-20 - RM-40

FPQRP #-347 FISTS #9299

Charter Member - Michigan DX Association
www.wb0wao.com

:=)

Rethink your business approach for the new year with the helpful tips here.
<http://special.msn.com/bcentral/prep04.armx>

Date: Mon, 19 Jan 2004 10:09:25 -0600
From: "Sam Binkley" <sbinkley1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165737] Re: Some Battery charging circuits
Message-ID: <036801c3dea6\$9bfde130\$a67fe344@DHT81T11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alan,

Lot of good info in that site. You might also check the West Marine Master catalog as it has an excellent section on battery (don't know about "battering" tho <g>) charging. They have a number of stores in the Seattle area where you could pick one up.

73,
Sam, KL7V/5

Subject: Some Battery charging circuits

> While still looking for THE book covering battering charging (lots of RV
> books) I stumbled upon this site:
> <http://www.discovercircuits.com/B/batt-chrg.htm>
>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702 / ARS / Proud member of ARRL
> --- --- --- --- DIT DIT
>

Date: Mon, 19 Jan 2004 11:34:51 -0500
From: "James Reid" <jreid4@earthlink.net>

To: <qrp-l@lehigh.edu>
Subject: [165738] Re: fried my hw-8... need help from hw-8 pro..
Message-ID: <000301c3deaa\$2a9329c0\$9c4179a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In looking at the schematic, I would guess that the most likely candidate for frying is RFC 3. The rig is protected with a zener across the 12V line and this RFC is in series with it. I don't know just where the RFC is located but I would look for one that has a cooked appearance.

I wouldn't put a diode in series with the +12V line. this will give you about a 0.8V drop that you don't need, particularly when operating from a battery. I would suggest putting a backwards diode from +12V to ground. when you reverse the voltage, the diode will blow the fuse. You do have a fuse, don't you!

Jim, KD3S

Date: Mon, 19 Jan 2004 11:31:36 -0500
From: tk <gamach1@ispwest.com>
To: QRP-L reflector <qrp-l@lehigh.edu>
Subject: [165739] Weeder PIC based counter
Message-ID: <400C0668.8000105@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone have the schematic for the Terry Weeder 50 mhz counter. Mine is on the blink and I would like to upgrade the chip to a 16F84..... there are 2 adjustable pots on the board. Anyone know what they adjust... I believe one of them might be a contrast adjustment for the LCD contrast.

Thanks

ted in Atlanta

Date: Mon, 19 Jan 2004 08:43:37 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [165740] Re: ARRL Directors Meeting
Message-ID: <20040119164337.50791.qmail@web60302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A source tells me there may be a report released later today regarding the findings of the BOD meeting.

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 19 Jan 2004 12:51:59 -0500
From: "James Reid" <jreid4@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [165741] More lists than you really wanted
Message-ID: <000101c3deb5\$5c9ac6c0\$f95af7a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out www.AC6V.com/mail.htm

Jim, KD3S

Date: Mon, 19 Jan 2004 17:51:04 +0000
From: "Terry Permenter" <top@whidbey.com>
To: "gamach1@ispwest.com" <gamach1@ispwest.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165742] Re: Weeder PIC based counter
Message-ID: <E1AidUq-0000rz-DF@mail3.whidbey.net>
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Ted: I would start at=20
<http://www.piclist.com/techref/piclist/weedfreq.htm>
which looks like it has a lot of info on this project.
"Google" strikes again!

72, Terry K7OI

On 1/19/2004, "tk" <gamach1@ispwest.com> wrote:

>Does anyone have the schematic for the Terry Weeder 50 mhz counter.
>Mine is on the blink and I would like to upgrade the chip to a
>16F84..... there are 2 adjustable pots on the board. Anyone know what
>they adjust... I believe one of them might be a contrast adjustment for
>the LCD contrast.

>

>Thanks

>

>ted in Atlanta

>

Date: Mon, 19 Jan 2004 12:56:45 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <rc7039-hr@yahoo.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [165743] Re: PCB lifted pad/trace repair techniques?

Message-ID: <00a601c3deb5\$9bb0adc0\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Folks,

>

> Occasionally I encounter a lifted pad/trace on equipment I'm working on.

> I'm looking for a really good professional way to repair these faulty

> connections.

>

> Traces are easy, "blue-line" wire to bridge the gap.

>

> But what about pads, especially on boards with plated through holes? Are

> there "industry" standard techniques detailed and documented somewhere?

>

> 73, Rod N0RC

There are repair kits. I think the last one I got was from Contact East.

They have tubular 'rivits' you put through the hole and then 'peen' to
flare

the other end with a tool. You could put down 'tape' for the pads too.

But, they would not work on multi-layer boards. Well, they would work, but you couldn't get connections to the inner layers. Still, if you repaired both sides and then jumpered over to where there was a middle layer contact point...

Mike

Date: Mon, 19 Jan 2004 10:13:47 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: kearneydj@adelphia.net
Subject: [165744] HW-9 For Sale
Message-ID: <20040119181347.86623.qmail@web60809.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

FYI - a gentleman I know from our local ham radio club has this for sale - please see description.
PLEASE email him direct if you are interested.

From:"Douglas J. Kearney" <kearneydj@adelphia.net>

I am cleaning out the shack and have a bunch of stuff up for sale. If interested please contact me with any questions.

Regards,
Douglas Kearney N5LBJ

\$ 100.00 HW-9 80 - 10 Meter QRP rig

This rig is not complete. It is actually missing a coil and IC to the best of my knowledge, however purchase the unit as it will be for parts, but you might only need a coil and IC. It has been on the shelf, but never got it complete. It also includes the WARC Band pack that has not been installed.

i also see he has:

 \$ 40.00 Heath Heathkit
HFT-9 QRP Antenna Tuner and Manual

\$ 40.00 Heath Heathkit
HM-9 QRP Watt Meter and Manual

 \$ 40.00 Heath Heathkit
HD-1418 Audio Filter and Manual

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 19 Jan 2004 13:27:01 -0500
From: "The Cieslak's" <kcieslak@execpc.com>
To: qrp-l@lehigh.edu
Subject: [165745] HC908 question
Message-ID: <200401191827.i0JIR178030563@mail5.mx.voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Now that we have all these HC908 guru's out there has anybody come up with a fast 16x16 multiply...The fastest I've come up with about 32 uSeconds when running with a 8 Mhz clock...too long for my application.

How about a 16x16 divide?

Brian K9WIS

PS I run digest mode so it will take a while to see any responses unless you reply direct.

--
CoreComm Webmail.
<http://home.core.com>

Date: Mon, 19 Jan 2004 13:30:05 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: rc7039-hr@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165746] Re: PCB lifted pad/trace repair techniques?
Message-ID: <400C222D.2040308@rochester.rr.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Pace makes a package called Cir-Kit, which consists of eyelets and pads of various sizes with short traces attached. I checked the Pace site, but couldn't maneuver through their site very well. Here is some info:

http://www.contacteast.com/product/group.asp?parent_id=1474

I've had very good success with this in the past.

Al, K2ZN

Rod N0RC wrote:

> Folks,
>
> Occasionally I encounter a lifted pad/trace on equipment I'm working on.
> I'm looking for a really good professional way to repair these faulty
> connections.
>
> Traces are easy, "blue-line" wire to bridge the gap.
>
> But what about pads, especially on boards with plated through holes? Are
> there "industry" standard techniques detailed and documented somewhere?
>
> 73, Rod N0RC
>
>
>

Date: Mon, 19 Jan 2004 13:31:26 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165747] ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...
Message-ID: <000701c3deba\$740258a0\$6425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, gang,
It's all on the table now.
See the full story at the ARRL website.

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Mon, 19 Jan 2004 10:33:34 -0800
From: "Bill Smith" <billsmith@ispwest.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165748] Re: ARRL Directors Meeting
Message-ID: <000d01c3deba\$ca359b60\$0203a8c0@hbco>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some time ago, I sat down to fulfill my vow taken when studying for the Conditional license (long time ago). I was determined to begin a letter campaign for the elimination of Morse Code from the license requirement.

As apparent reasons presented themselves, however, so did counter-arguments and I was ultimately faced with the realization that Morse Code is easily the most efficient way to introduce basic communication skills and basic electronic technology to a non-technical person. Obviously there are many ways, but Morse Code is simply a great package that encompasses many fundamental concepts while highlighting point-to-point communications as the primary Amateur communications mode.

There really is a purpose in the Amateur License test, recall that the station licensee and the station operator is the same person. That is a special arrangement unique to FCC licensing. In general, the FCC does not allow the operator of a transmitter to touch the equipment.

Generally, the FCC insists upon channeled frequency assignments using type-accepted equipment maintained by specialists. The Amateur operator is given the special privilege and the responsibility to determine that his transmitted signal is on the intended frequency and is not generating spurious energy. The license, and test, is the means by which an Amateur Operator demonstrates his capacity to accept this responsibility.

If we loose the ability to demonstrate that capacity, we risk loosing the privilege to act as both operator and station license holder. We might be obligated to use type-accepted equipment. No more home brew, and hired technicians will need to perform maintenance. The biggest loss will be in frequency channelization, and the relative protection we currently enjoy from challenges for frequency spectrum.

This concept is now under a new challenge. Mode and frequency-agile technology may alter the need for fixed frequency band allocations. We as Amateur Operators should be thinking about how we are going to position ourselves. Presently, it seems maintaining a certain skill level is at least a good investment while we prepare, if not step up to innovate our place in this new environment.

73 de Bill, AB6MT
billsmith@ispwest.com

----- Original Message -----

From: Bruce Muscolino
To: Low Power Amateur Radio Discussion
Sent: Monday, January 19, 2004 7:12 AM
Subject: Re: ARRL Directors Meeting

Karl,

I agree on most of your post. However there is one nit I'd like to pick with you. Your "new" view of the code requirement is probably, actually, as old as the license itself. I can remember the same argument being used and published in some magazines way back in the mid-50s. There has always been a contingent who said their right to enjoy ham radio was being infringed by the unrealistic requirement to know the old archaic code.

As for me, I don't think that code is all that hard. You find a method that suits your learning style and spend the time. Incidentally, I have noticed that 3 to 4 weeks is all it takes if you have matched the teaching method to your learning style.

I belong to the last group, the 5, 13, and 20 wpm group. I didn't have the benefit of G4FON's software or any other computer learning method. Computers had not reached the state where anybody could have one at home in 1954. Besides, they didn't have audio interfaces yet. I learned the code all by my loneliness. I always thought that if I could do it anyone could! Was/am I being unrealistic?

I also agree with you about the League. I think it is the only organization we have ever had supporting us. Of course, I couldn't quit if I wanted to, at least not without repercussions, I have a Life Membership!

Date: Mon, 19 Jan 2004 14:00:28 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [165749] RE: ARRL Directors Meeting
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735945@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The story just got posted to the ARRL website. This is an outline of =
what the ARRL will
propose to the FCC. It is not a new rule yet, and ultimately the FCC =
will decide. If you
support the ARRL's position, you can comment on it when the FCC opens up =
the petition
for comment and you can comment again on whatever Notice of Proposed =
Rulemaking
the FCC puts on the plate. You can, and should, do the same if you =
disagree in whole or
in part with anything on the regulatory plate.

I will comment on one observation that Karl made:

>What ever happens please don't leave the ARRL. It's all we have now. =20

Although I agree that hams should not leave ARRL over this one issue, =
because doing so
would undermine support of the entirety of what ARRL does. I did not get =
my way in this,
but I want the ARRL's spectrum, education and technical work to =
continue, so I will=20
continue to support the organization.

But ARRL is not all that we have now, nor has it ever been. There are =
many, many good things
in amateur radio and QRP that should also be supported, from groups like =
QRP-ARCI to regional
and local clubs like the Flying Pigs. In this area -- QRP -- "our" =
organizations represent QRP
better than ARRL can or could. Ditto with groups like AMSAT in the =
satellite area or TAPR in
the digital area. Our local Hartford-area clubs represent our local =
interests better than any national=20

organization could, so hams should offer their support there, too.

Yup, that's a lot of support, but there is a lot that needs to be done =
to keep amateur radio around
for the next generation or three. =20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

Member: IEEE C63 - Accredited Standards Committee on Electromagnetic =
Compatibility

Chairman: C63 SC-5, Immunity

Chairman: C63 ad hoc PLC/BPL Working Group

Member: SAE EMC/EMR committees

Member: ICES/IEEE SCC-28 International Committee on Electromagnetic =
Safety

Member/staff: ARRL, The National Association for Amateur Radio

Member/Board of Directors: QRP Amateur Radio Club International

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU=20

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Karl Larsen

> Sent: Sunday, January 18, 2004 11:56 AM

> To: Low Power Amateur Radio Discussion

> Subject: ARRL Directors Meeting

>=20

>=20

>=20

> I and many others from QRP-L have told our Directors what we=20

> believe. Your Director should listen to your feelings and=20

> vote based on=20

> the majority, but he/she doesn't need to. They can, and often are,=20

> better informed than me, and my Director will vote the way he=20

> wants to.=20

> I will not drop the ARRL because my Director voted contrary to my=20

> feelings.

>=20

> The most dividing issue this time is the question of giving up=20

> Element 1 of the FCC Amateur Radio License, which is to=20

> demonstrate that=20

> you can copy (but not send) the Morse Code at 5 WPM.=20

>=20

> I think there are 3 views held by Hams about Element 1. The new=20
> view is that code is hard and is keeping thousands of people=20
> out of the=20
> hobby and now the International treaties allow the USA to=20
> drop code. The=20
> Old View is the present 5 WPM requirement, and another smaller group=20
> wants Element 1 to be 13, and 20 WPM.
>=20
> The last group is interesting because since I teach code to=20
> students who know zip about it, several times I have over a 3 week=20
> period had students who really studied 30 minutes every day,=20
> and they got to 15=20
> WPM using the Koch software from G4FON. In fact one kid asked=20
> me to give=20
> him his code test at 15 WPM. He passed with flying colors.
>=20
> All of this is to show there are several ideas on what=20
> to do and=20
> what the Directors decide by vote may not be your position.=20
> And then the=20
> Directors will need to get FCC to go along. What ever happens please=20
> don't leave the ARRL. It's all we have now. =20
>=20
> --=20
> =20
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>=20
>=20

Date: Mon, 19 Jan 2004 14:18:18 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165750] RE: ARRL rig reviews QSK test...
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735946@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It looks like the first dit begins about 22 ms after key closure and the =
2nd begins about 16 ms after=20
key closure. This probably would be just noticeable in 20 wpm =
on-the-air operation, but only by the=20
most discerner CW listener.

The ARRL tests keying at 60 wpm. The reason for this is that if it were =
tested at slower speeds, the=20
visual data would not show the rise and fall times in any meaningful =
way. By upping the keying
speed like we do, the on/off times and rise and fall times can actually =
be read from the graph.

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
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Member: ICES/IEEE SCC-28 International Committee on
Electromagnetic Safety
Member: ARRL, The National Association for Amateur Radio
Member/Board of Directors: QRP Amateur Radio Club
International

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> bill@n4qa.com
> Sent: Saturday, January 17, 2004 10:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: ARRL rig reviews QSK test...
>=20
>=20
> Was reading my QST, February, 2004 last evening and took a=20
> gander at the
> K2/100 QSK test...so-so results...first dit RF envelope=20
> beginning AFTER
> first-dit key-UP... second-dit RF envelope beginning about 5=20
> milliseconds
> BEFORE second-dit key-up...
>=20
> So long as it 'sounds' ok?
> I say any rig sounds as it looks...fixed delay in the=20
> 'sending station's'
> rig is one thing...I can detect that only by viewing the=20

> waveforms...varying
> delay, whole 'nother story...
> For my own sending, there's how it 'sounds' in my rig's=20
> sidetone and then
> there's how it 'sounds' in a properly adjusted separate local=20
> receiver...
>=20
> Anyway...
> I'd like to know what you guys think about the ARRL's=20
> conditions under which
> a rig-under-review is tested for "CW keying waveform",
> particularly regarding the "equivalent keying speed is 60 WPM" spec.
> Granted, all rigs should be tested under equal conditions,=20
> but 60 WPM?...how
> 'bout 6 WPM with a scope sweep speed of 100 milliseconds per=20
> division...
> Ok, perhaps that'd be swinging to the opposite extreme.=20
> Umm...15 WPM with
> scope sweep speed of 40 mS per (using variable sweep, of=20
> course), maybe?
> I know, some other digital modes are affected by a rig's=20
> 'QSK' abilities
> (especially, a rig's receiver recovery time) but I'm only interested in
> discussing CW for the immediate, including that receiver=20
> recovery time(the
> other half of QSK)...
> And, what about using 14.2 MHz for Hf rigs in CW=20
> mode...right, it really
> doesn't matter, technically...14.2 MHz or 14.06 MHz etc...
>=20
> What do y'all say?
>=20
>=20
>=20
> 73.
> Bill, N4QA
> <http://www.n4qa.com>
>=20
>=20

Date: Mon, 19 Jan 2004 14:25:28 -0500
From: brewerj@squared.com
To: qrp-l@lehigh.edu
Subject: [165751] Re: If you had the money for a new rig...
Message-ID: <OF888119F9.AFD663B5-
ON85256E20.006A91F2-85256E20.006B0157@CIS.SQUARED.COM>

MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

If I had \$2000 coming from a tax refund, I would:

- 1) Change my deductions so that Uncle Sam doesn't have free use of my money all throughout 2004.....

John K5MO

Date: Mon, 19 Jan 2004 14:35:58 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165752] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...

Message-ID: <Pine.GS0.4.58.0401191434220.3338@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jan 2004 bill@n4qa.com wrote:

> Well, gang,
> It's all on the table now.
> See the full story at the ARRL website.

Curious....is there still a requirement for RTTY stations to ID in cw?

Couldn't help noticing that the league website is still using silly surveys.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Mon, 19 Jan 2004 14:44:07 -0500
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>

Subject: [165753] RE: ARRL rig reviews QSK test...
Message-ID: <000f01c3dec4\$9b305c60\$6425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you, Ed.
And that pretty much sums up all that's already been said on this subject
:0)

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Mon, 19 Jan 2004 11:45:17 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165754] Re: End fed 80 meter wires
Message-ID: <20040119194517.72901.qmail@web60802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yes to feed odd antenna lengths open wire feedline is excellent. And its better to feed in the middle ... but i am having good success with an off-center fed dipole. My particular antenna has a short side of around 50 feet and a long side of around 150+ feet. the main benefit for me is that it puts feedline closer to shack. the pattern is not "ideal" but nor is any other antenna when its appreciably larger than a half wavelength. it does tend to endfire a bit on 40 and 30 meters in the general direction of the long end - which for me is europe. this antenna is better behaved than an end fed as its feed impedance is lower on most if not all bands. still, i use ferrite treatment on my microphone and key wires and that works well up to 100w. for QRP you probably need no treatment for this type of antenna if your short end is approaching a quarter wave.

have fun and experiment amidst your antenna limitations (mine is lack of high natural supports!).

curt wb8yyy

--- Karl Larsen <k5di@zianet.com> wrote:
>
> I'm afraid that end feeding anything winds up with
> an old L
> antenna. I tried to introduce a tuned 450 ohm feeder
> to an end fed
> antenna and failed. When I checked for feedline
> radiation I discovered
> the FEEDLINE was part of the RADIATOR!
>
> When you bring the radiator to your tuner you get
> RF in the
> hamshack problems. And the radiating feedline causes
> odd problems with
> your pattern.
>
> That's why about 1925 Hams experimented with
> "feedlines". This
> device gets power from your transmitter to your
> antenna with a minimum
> of loss and no radiation.
>
> Experiance has shown that feeding a 1/2 wave dipole
> can be done
> best at the center of it. A high impedance balanced
> feedline can sustain
> a very high SWR and remain a low loss feedline. That
> is why so many wire
> antenna's are fed with 450 ohm ribbon, and a single
> dipole can be used
> on many bands. And there is never any problem of RF
> in the Hamshack.
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az
> ScQRPions -
>

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Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Mon, 19 Jan 2004 11:53:53 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: Elecraft <elecraft@mailman.qth.net>, qrp <qrp-1@lehigh.edu>
Subject: [165755] Elecraft KXAT1 ATU upgrade: manual receive signal peaking
Message-ID: <400C35C8.38E99696@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Revision 1.2 of the KXAT1 ATU firmware is now available. (The KXAT1 is the internal automatic antenna tuner for our KX1 transceiver.)

Rev. 1.2 adds manual receive-signal peaking capability to the ATU. There are 32 manual settings, providing enough resolution to bring a wide range of random-length antennas approximately into resonance. This feature is useful for maximizing received signal strength anywhere in the rig's VFO tuning range without transmitting. Resonating the antenna in the band of interest can also help reject strong out of band signals. Manual peaking is especially appropriate for the KX1, since the rig covers many popular SWL band segments in the 5-16 MHz range.

The selected manual setting will persist even if the KX1 is turned off. These settings are not stored on a per-band basis, however, and if you return the ATU to TUN mode, the network settings from the most recent auto-tune on each band will be restored. Manual settings should not be used for transmit purposes; the normal auto-tune method has much finer resolution.

See our web site for ordering information (\$19 plus shipping). Revision 1.2 is already shipping with new KXAT1 kits.

We'd like to thank Bruce Prior, N7RR, for suggesting this feature.

73,
Wayne
N6KR

--

<http://www.elecraft.com>

Date: Mon, 19 Jan 2004 20:55:18 +0100
From: "Sverre Holm" <svholm2@broadpark.no>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [165756] RE: Toroids and magnets
Message-ID: <001001c3dec6\$2a6fb280\$8e00a8c0@Master>
MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who answered this thread. It appears that there is no immediate danger of permanent damage to ferrites from magnetic fields, but still I sense a somewhat cautious attitude.

BTW, I found the source of my initial concern:
<http://www.ac6rm.net/mailarchive/html/elecrafft-list/2003-05/msg00509.htm>
1

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Mon, 19 Jan 2004 13:58:53 -0600
From: "Mark Andrews \((KE4MA\)" <KE4MA@KE4IOF.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165757] Re: [ke4ma] Re: ARRL Directors Meeting
Message-ID: <001e01c3dec6\$aee04060\$cd6e640a@carrera>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I take Bill's arguments very seriously. He is absolutely correct in saying that we, as Amateur Operators, have an obligation to demonstrate a great responsibility for the privileges we have been given (or earned, as the case maybe).

However, I fail to make the connection he makes, that by merely passing a 5 WPM code test, we demonstrate great responsibility?

One of the arguments I make to my No-Code friends is that "... a trained monkey can pass the 5 WPM code test...". If this is the case (and we've ALL told no-coders that 5 WPM is easy, at one time or another), then simply passing a 5 WPM code test doesn't demonstrate anything other than the fact

that you can study, memorize 36 characters and some prosigns and decipher enough in 1 minute of copy to answer 7 out of 10 question correctly. This certainly doesn't demonstrate to me that any human will be a good, conscientious Amateur Radio Operator.

My suggestion (although a moot point now)? Give the new "Novice" just enough spectrum and power to whet his/her appetite (50khz each in 4 of the HF Bands, split into 25khz CW and 25khz phone, 50 Watts max). Make them find a General or Extra class ham with whom they are to mentor for up to 1 year before being eligible for the General or Extra class exam. The ARRL could provide this "pairing" as a service. The mentor has to sign off at the VE session, saying that this person is a responsible ham, knows the technology, etc. Make the General test like the old Advanced test, i.e.. very technical.

Doing something of this nature will better ensure we have conscientious Amateur Radio Operators.

73,

Mark

Mark A. Andrews, KE4MA
QRP-L 146, QRP-ARCI 10574, QRPp-I 217

>
> There really is a purpose in the Amateur License test, recall that the
> station licensee and the station operator is the same person. That is a
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> allow the operator of a transmitter to touch the equipment.
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> spurious energy. The license, and test, is the means by which an Amateur
> Operator demonstrates his capacity to accept this responsibility.
>

Date: Mon, 19 Jan 2004 12:00:06 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165758] Re: If I had the money...

Message-ID: <20040119200006.84441.qmail@web60801.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

While having a rig with a great receiver (high dynamic range, low phase noise, narrow CW filtering) is a big plus - we all determine what is good enough as few of us have the "ideal."

I do find operating events more enjoyable when using the best rig in my shack, but fun can be had with simpler rigs (like my 38S !).

Yes some features can be "less necessary." For SSB operating I do find receiver performance is less a factor for me, but I am sure DX'ers and contesters will disagree.

As for "well designed" rigs that have good CW filtering and low phase noise, I really don't know how big a factor dynamic range is until you have other nearby transmitters. Given alternatives of using NE602 style receivers versus basic diode mixers versus higher performance mixers - how much difference this makes in the average ham shack is not clear to me! a fellow QRP'er who lives less than 10 miles away from me often "test" each other's rigs by operating a few hundred Hz away in QRP operating events. i do get better results with the higher dynamic range receiver!

Meanwhile enjoy ham radio with what you have, as i am suspicious critical mass may be as simple as a well assembled K1 or SW-series rig! but i am not parting with my K2!

curt wb8yyy

--- Steven Weber <kd1jv@moose.ncia.net> wrote:
> I've never owned, nor even operated a "high end"
> rig. Is it really worth
> spending the big bucks for a high end rig, or do you
> just end up with a
> whole lot of bells and whistles and more knobs and
> buttons than you can
> possibly remeber what they all do? And are these
> rigs really any good on
> CW, a mode which often seems to be added as an after

> thought?
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

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Date: Mon, 19 Jan 2004 14:05:08 -0600
From: "Tony Martin W4FOA" <w4foa@comcast.net>
To: <w1rfi@arrl.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165759] Re: ARRL Directors Meeting
Message-ID: <006d01c3dec7\$89c122e0\$6401a8c0@Delldude>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe I'm missing something here. It seems the summary from ARRL says "to include HF phone" privileges, etc...then later it says limited HF CW/Data and Phone/Image transmissions. CW? Pray tell where are these "codeless" "entry level" licensees going to "practice" their HF CW?

Just a few years ago I think we had an "entry level" license, called a "novice" license, complete with power restrictions and a few HF bands for honing their skills.

The ARRL gang at HQs continues to amaze me with their "imagination" and "creativity".

10-4 ?

Tony, W4FOA

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 19, 2004 1:00 PM

Subject: RE: ARRL Directors Meeting

> The story just got posted to the ARRL website. This is an outline of what the ARRL will
> propose to the FCC. It is not a new rule yet, and ultimately the FCC will decide. If you
> support the ARRL's position, you can comment on it when the FCC opens up the petition
> for comment and you can comment again on whatever Notice of Proposed Rulemaking
> the FCC puts on the plate. You can, and should, do the same if you disagree in whole or
> in part with anything on the regulatory plate.
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> >What ever happens please don't leave the ARRL. It's all we have now.
>
> Although I agree that hams should not leave ARRL over this one issue, because doing so
> would undermine support of the entirety of what ARRL does. I did not get my way in this,
> but I want the ARRL's spectrum, education and technical work to continue, so I will
> continue to support the organization.
>
> But ARRL is not all that we have now, nor has it ever been. There are many, many good things
> in amateur radio and QRP that should also be supported, from groups like QRP-ARCI to regional
> and local clubs like the Flying Pigs. In this area -- QRP -- "our" organizations represent QRP
> better than ARRL can or could. Ditto with groups like AMSAT in the satellite area or TAPR in
> the digital area. Our local Hartford-area clubs represent our local interests better than any national
> organization could, so hams should offer their support there, too.
>
> Yup, that's a lot of support, but there is a lot that needs to be done to keep amateur radio around
> for the next generation or three.
>
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318

> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
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> Chairman: C63 SC-5, Immunity
> Chairman: C63 ad hoc PLC/BPL Working Group
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> Member: ICES/IEEE SCC-28 International Committee on Electromagnetic
Safety
> Member/staff: ARRL, The National Association for Amateur Radio
> Member/Board of Directors: QRP Amateur Radio Club International
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > Karl Larsen
> > Sent: Sunday, January 18, 2004 11:56 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: ARRL Directors Meeting
> >
> >
> >
> > I and many others from QRP-L have told our Directors what we
> > believe. Your Director should listen to your feelings and
> > vote based on
> > the majority, but he/she doesn't need to. They can, and often are,
> > better informed than me, and my Director will vote the way he
> > wants to.
> > I will not drop the ARRL because my Director voted contrary to my
> > feelings.
> >
> > The most dividing issue this time is the question of giving up
> > Element 1 of the FCC Amateur Radio License, which is to
> > demonstrate that
> > you can copy (but not send) the Morse Code at 5 WPM.
> >
> > I think there are 3 views held by Hams about Element 1. The new
> > view is that code is hard and is keeping thousands of people
> > out of the
> > hobby and now the International treaties allow the USA to
> > drop code. The
> > Old View is the present 5 WPM requirement, and another smaller group
> > wants Element 1 to be 13, and 20 WPM.
> >
> > The last group is interesting because since I teach code to
> > students who know zip about it, several times I have over a 3 week
> > period had students who really studied 30 minutes every day,

> > and they got to 15
> > WPM using the Koch software from G4FON. In fact one kid asked
> > me to give
> > him his code test at 15 WPM. He passed with flying colors.
> >
> > All of this is to show there are several ideas on what
> > to do and
> > what the Directors decide by vote may not be your position.
> > And then the
> > Directors will need to get FCC to go along. What ever happens please
> > don't leave the ARRL. It's all we have now.
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
> >

Date: Mon, 19 Jan 2004 15:10:39 -0500
From: "K2PQ" <k2pq@comcast.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [165760] Re: If you had the money for a new rig...
Message-ID: <003501c3dec8\$4f097070\$6600a8c0@DOWNSTAIRS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> If I had \$2000 coming from a tax refund, I would:
>
> 1) Change my deductions so that Uncle Sam doesn't have free use of
> my money all throughout 2004.....
>
> John K5MO
>
>
And looking at the boards decision I sure wouldn't invest \$2000 in this
hobby.

Frank... K2PQ

Date: Mon, 19 Jan 2004 12:20:39 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165761] Re: ARRL Directors Meeting
Message-ID: <20040119202039.GA17085@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Considering that just about any position the ARRL board could take would have significant dissent among the members, I find this proposal to be quite well thought-out. It's not necessarily what I would choose, but makes sense to me as a compromise between the various positions and hopefully the FCC will receive it favorably.

Let the flames begin!

72/73, Bob N7XY

Date: Mon, 19 Jan 2004 20:20:17 +0000
From: Howard Oakley <hoakley@btconnect.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165762] Re: ARRL Directors Meeting
Message-ID: <BC31EC81.2840B%hoakley@btconnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

On 19/1/04 18:33, Bill Smith wrote:

> There really is a purpose in the Amateur License test, recall that the
> station licensee and the station operator is the same person. That is a
> special arrangement unique to FCC licensing. In general, the FCC does not
> allow the operator of a transmitter to touch the equipment.
>
> Generally, the FCC insists upon channeled frequency assignments using
> type-accepted equipment maintained by specialists. The Amateur operator is
> given the special privilege and the responsibility to determine that his
> transmitted signal is on the intended frequency and is not generating
> spurious energy. The license, and test, is the means by which an Amateur
> Operator demonstrates his capacity to accept this responsibility.
>

> If we loose the ability to demonstrate that capacity, we risk loosing the
> privilege to act as both operator and station license holder. We might be
> obligated to use type-accepted equipment. No more home brew, and hired
> technicians will need to perform maintenance. The biggest loss will be in
> frequency channelization, and the relative protection we currently enjoy
> from challenges for frequency spectrum.

Bill,

You clearly know the FCC better than I. Given that plenty of other licensing authorities around the world have found themselves able to remove the Morse requirement without enforcing separation of operator and station, or (even in the bureaucratic EU) banning non type-approved equipment, or forcing channelisation on amateurs, I wonder why the FCC should be so hostile? And I also wonder how competence in Morse demonstrates operator skills or responsibility in any other mode, such as SSTV or SSB?

72,
Howard.

Dr Howard Oakley
Isle of Wight, UK
M1BWR (I090J0, EU-120)
Active from 80 m to 23 cm
QRP ARCI 11583; UKSMG 1718; ARRL; RSGB; RNARS

Date: Mon, 19 Jan 2004 15:21:42 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [165763] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...
Message-ID: <200401191521.43017.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Just about what I expected. At least the UK and the Japanese limit their "Novices" to 10 watts, but then, that wouldn't sell many FT1000's here, would it? If it were the case, would make a good reason for more companies to come out with QRP stuff. AND, it would make the claim of the Novice not needing to "know that RF Field stuff." more believable.

John W2AGN

"10-4 good buddy, I'm destinated...."

Date: Mon, 19 Jan 2004 15:27:31 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165764] Re: Measuring Ground Resistance
Message-ID: <00cf01c3deca\$ad4d7300\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A huge thanks from my father, Mike, KB8RTX and myself for all of your responses. He was given one way to measure ground resistance, but it didn't sound right to him. I found one way via google, but since I'm not an electrician it was all greek to me, but I also asked a fellow ham at a club meeting over the weekend and he spelled out what I found. Coincidentally, one of you mentioned PolyPhasor which is where the fellow ham works. :-)

Thanks a mil...

Patrick...KB8RTZ...

Date: Mon, 19 Jan 2004 15:29:43 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-l@lehigh.edu>
Subject: [165765] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...
Message-ID: <721D3436A7C2B344A301FD4A413C71A90251262A@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Curious....is there still a requirement for RTTY stations to ID in cw?

No. =20

> Couldn't help noticing that the league website is still using silly =

surveys.

Some people enjoy them. I believe that ARRL, QRZ and eham.net all have = surveys. =20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

Member: IEEE C63 - Accredited Standards Committee on Electromagnetic = Compatibility

Chairman: C63 SC-5, Immunity

Chairman: C63 ad hoc PLC/BPL Working Group

Member: SAE EMC/EMR committees

Member: ICES/IEEE SCC-28 International Committee on Electromagnetic = Safety

Member/staff: ARRL, The National Association for Amateur Radio

Member/Board of Directors: QRP Amateur Radio Club International

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU=20

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Thom R. Lacosta

> Sent: Monday, January 19, 2004 2:36 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: ARRL Board proposals made public...I *SUPPOSE* I can live
> with 'em...

>=20

>=20

> On Mon, 19 Jan 2004 bill@n4qa.com wrote:

>=20

> > Well, gang,

> > It's all on the table now.

> > See the full story at the ARRL website.

>=20

> Curious....is there still a requirement for RTTY stations to ID in cw?

>=20

>=20

> Couldn't help noticing that the league website is still using silly
> surveys.

>=20

>=20

> Thom

>=20

> <http://www.baltimorehon.com/>
> <http://www.tlchost.net/>
>=20

Home of the Baltimore Lexicon
Web Hosting as low as 3.49/month

Date: Mon, 19 Jan 2004 15:29:55 -0500
From: "Brad Hedges" <bhedges@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165766] Re: If you had the money for a new rig...
Message-ID: <003d01c3decb\$00104720\$53242118@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, actually they only got less than \$800... the rest comes from being an Infantryman in the 82d Airborne with two kids and deployed most of the year, who donated a bunch of stuff to various charities... and the \$2K is "only" my cut, after the other \$4300 +/- goes to redoing the kitchen!

We're doing the happy dance in our house about now...

Brad

----- Original Message -----
From: <brewerj@squared.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 19, 2004 2:25 PM
Subject: Re: If you had the money for a new rig...

> If I had \$2000 coming from a tax refund, I would:
>
> 1) Change my deductions so that Uncle Sam doesn't have free use of
> my money all throughout 2004.....
>
> John K5M0
>
>

Date: Mon, 19 Jan 2004 15:36:23 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165767] Re: ARRL Board proposals made public...I *SUPPOSE* I can live

with 'em...
Message-ID: <001701c3decb\$e8e5af80\$6425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dunno, Thom.

But I can imagine that, at some point in the future, CW ops would be obliged to ID in 'voice'.

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Mon, 19 Jan 2004 15:25:58 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jsielke@pobox.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165768] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...
Message-ID: <017f01c3deca\$73d7fa00\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Just about what I expected. At least the UK and the Japanese limit their
> "Novices" to 10 watts, but then, that wouldn't sell many FT1000's here,
would
> it? If it were the case, would make a good reason for more companies to
come
> out with QRP stuff. AND, it would make the claim of the Novice not
needing to
> "know that RF Field stuff." more believable.

I know...

God forbid they find out how much fun QRP can be!

Date: Mon, 19 Jan 2004 15:53:03 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165769] RE: ARRL Directors Meeting
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735947@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

No flames from me, Bob. This is not exactly what I would have done, but =
it you ask=20
10 different hams what should be done, you will get 11 different =
answers. Clearly,
what the ARRL Board has put together is a compromise, but, IMHO, that is =
exactly what is needed.

I keep coming back in my own mind to what I had to do to enter ham radio =
in=20
1963. That Novice exam was so simple (seen with today's eyes) that this =
13-year
old kid was willing to do it. Today, the Tech exam is not so simple, =
requiring
80 printed pages of questions in the question pool with study guides =
that
teach the principles involved taking up 200 some-odd pages. =20

In the spirit of not "dumbing down" amateur radio, we have gone from =
asking
new hams to study 3.5.pages of study guide to studying 200 pages, and we
wonder why we don't have youth in radio.

I agree with the ARRL Board's decision to have an entry-level license =
that
is about halfway between today's entry-level Technician exam and the
entry-level exam that got me into ham radio. When you look at the =
dismal
percentage of new licencees that actually get on the air and go on to do =
meaningful things in ham radio, it is clear that VHF only operating =
privileges
are not going to do much to help amateur radio prosper and grow. =20

Ham radio is not dying, but most would agree that hamfest attendance is =
down

some; club-meeting attendance is down some; on-the-air activities are =
down some,
all not boding well for the future of ham radio. The QRP community is a =
shining
exception, but if want to see amateur radio be the vibrant, thriving =
community
it once was, we may want to make sure that our newcomers are made part =
of that
community from the getgo.

When I was a lad in the 60s, I felt that there was one amateur radio =
community.
I felt like I was part of that community. Can we really say the same =
today? Is
that division that takes place above 30 MHz a sign of deeper divisions =
that=20
may not need to exist?=20

Although I would have personally kept code testing in the amateur radio=20
service differently than the ARRL proposal, I can hardly argue with its
statement that if the Extra is the highest testing achievement, it is =
not
unreasonable to expect that it would include proficiency in the 2nd-most
used HF operating mode.

At this point, we have two choices -- we can choose to continue the =
divisions
between the code- and no-code sides, or we can get behind a proposal =
that
contains some elements of both sides and try to rebuild the sense of =
oneness
and camaraderie that once made amateur radio one community united in a =
common
cause. No solution is perfect, and no compromise is completely pleasing =
to=20
everyone, but this is a proposal that has a chance with the FCC and that =

makes a good-faith effort to include the points of view across the wide
range of opinion. As I hoped, the ARRL did not make the decision that
could appear to be in the short-term best interests of the ARRL, but it =
put
together a plan that its Board members thought was in the best long-term
interests of the Amateur Radio Service, with an eye to the present, =
future
and past. In the long run, I think that may be best for everyone.

Ed Hare, W1RFI

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU=20

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Bob Nielsen

> Sent: Monday, January 19, 2004 3:21 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: ARRL Directors Meeting

>=20

>=20

> Considering that just about any position the ARRL board could=20

> take would

> have significant dissent among the members, I find this proposal to be

> quite well thought-out. It's not necessarily what I would choose, but

> makes sense to me as a compromise between the various positions and

> hopefully the FCC will receive it favorably. =20

>=20

> Let the flames begin!

>=20

> 72/73, Bob N7XY

>=20

>=20

Date: Mon, 19 Jan 2004 15:56:07 -0500

From: Jack e wigal <kr8z1@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [165770] Repeat and Question sign

Message-ID: <20040119.155607.-705369.4.kr8z1@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Back in the early 60's when our Uncle (Sam) taught me Morse Code, we used

INT for a question and IMI was used as a repeat sign. Does anyone know

why hams use IMI for both????

Jack KR8Z

Date: Mon, 19 Jan 2004 16:04:37 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [165771] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...

Message-ID: <721D3436A7C2B344A301FD4A413C71A901735948@kosh.arrlhq.org>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The power levels in the Novice proposal are at or below the limits the =
FCC has set=20
for the need to do an RF safety evaluation. For SSB operation, here are =
the diagonal
distances that people must remain from the antenna at 100 watts:

Band	Antenna gain	Distance
80 M	2.2 dBi	0.6 feet
40 M	2.2 dBi	1.2 feet
15 M	2.2 dBi	3.5 feet
10 M	2.2 dBi	4.6 feet (100 watts)
10 M	2.2 dBi	3.3 feet (50 watts)
15 M	7.5 dBi	6.4 feet
10 M	7.5 dBi	8.5 feet (100 watts)
10 M	7.5 dBi	6.0 feet (50 watts)

These are conservative estimates, based on the presumption that one
is in the main beam of the antenna and that there is 4 dB worth of
scatterer (typically ground). The rules, btw, are based on "whole body" =

exposure, so in the case of an antenna like an 80 meter dipole, one =
could not
be 0.6 feet from the entire antenna, nor would one's whole body be as =
close
as 3 feet or so from any antenna unless it were orientated perfectly =
with
the entire length of the body.

The FCC beleived that below the threshold to evaluate stations, most
reasonable stations would be in compliance. I think that the premise
that complex questions about RF safety do not need to be part of the=20
"Novice" exam is reasonable.

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

Member: IEEE C63 - Accredited Standards Committee on Electromagnetic =
Compatibility

Chairman: C63 SC-5, Immunity
Chairman: C63 ad hoc PLC/BPL Working Group

Member: SAE EMC/EMR committees
Member: ICES/IEEE SCC-28 International Committee on Electromagnetic =
Safety
Member/staff: ARRL, The National Association for Amateur Radio
Member/Board of Directors: QRP Amateur Radio Club International

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU=20
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> John Sielke
> Sent: Monday, January 19, 2004 3:22 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Board proposals made public...I *SUPPOSE* I can live
> with 'em...
>=20
>=20
> Just about what I expected. At least the UK and the Japanese=20
> limit their=20
> "Novices" to 10 watts, but then, that wouldn't sell many=20
> FT1000's here, would=20
> it? If it were the case, would make a good reason for more=20
> companies to come=20
> out with QRP stuff. AND, it would make the claim of the=20
> Novice not needing to=20
> "know that RF Field stuff." more believable.
>=20
>=20
>=20
> John W2AGN
> "10-4 good buddy, I'm destined...."
>=20
>=20

Date: Mon, 19 Jan 2004 14:27:14 -0700
From: "M.M." <markem@cox.net>
To: qrp-1@Lehigh.EDU
Subject: [165772] RE: ARRL Directors Meeting
Message-ID: <6.0.0.22.0.20040119141522.0267f138@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well, I think it's a pretty good compromise. I don't have a problem with
the proposed new Novice class. Its time has come.

However, I'd have preferred to see a 5wpm requirement for the proposed new

General class and a higher, perhaps 10 wpm, requirement for the Extra.

And I agree with Ed...bringing all hams together would be a Good Thing...

73... Mark AA7TA (first licensed in 1960...)

Date: Mon, 19 Jan 2004 15:28:37 -0600
From: "Sam Binkley" <sbinkley1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165773] Re: Repeat and Question sign
Message-ID: <03b101c3ded3\$338ead00\$a67fe344@DHT81T11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jack,
INT is a military prosign meaning "interrogative" while IMI is international
meaning either "repeat" or question mark.
73,
Sam, KL7V/5

----- Original Message -----
From: "Jack e wigal" <kr8z1@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 19, 2004 2:56 PM
Subject: Repeat and Question sign

> Back in the early 60's when our Uncle (Sam) taught me Morse Code, we used
> INT for a question and IMI was used as a repeat sign. Does anyone know
> why hams use IMI for both????
> Jack KR8Z
>

Date: Mon, 19 Jan 2004 16:30:52 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165774] Re: ARRL Board proposals made public...I *SUPPOSE* I can live
with 'em...

Message-ID: <010b01c3ded3\$83ff05a0\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> AND, it would make the claim of the Novice not needing to
> "know that RF Field stuff." more believable.
>
> John W2AGN
> "10-4 good buddy, I'm destined...."

Let me make sure I read this correctly: are you saying Novices need no
exposure to safe rf limits or never to touch an antenna when the radio is
keyed? Yikes.

Patrick...KB8RTZ...

Date: Mon, 19 Jan 2004 21:34:10 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: myetsko@insydesw.com, qrp-1@Lehigh.EDU
Subject: [165775] Re: ARRL Board proposals made public...I *SUPPOSE* I can live
with 'em...
Message-ID: <Law15-F19LVXxCdy76V0003744d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

One, I will be surprized if the FCC goes for the new entry class. The quick
way to solve this is to leave the classes as they are and maintain the 5 wpm
for the extra. The FCC wants to keep any change simple and easy to bring
about with the least paper trail.

Will be interesting to see what falls out in its final form.

73, Bill kc4atu

>From: "Mike Yetsko" <myetsko@insydesw.com>
>Reply-To: myetsko@insydesw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: ARRL Board proposals made public...I *SUPPOSE* I can live with
>'em...
>Date: Mon, 19 Jan 2004 15:25:58 -0500
>
>

>
> > Just about what I expected. At least the UK and the Japanese limit their
> > "Novices" to 10 watts, but then, that wouldn't sell many FT1000's here,
> would
> > it? If it were the case, would make a good reason for more companies to
> come
> > out with QRP stuff. AND, it would make the claim of the Novice not
> needing to
> > "know that RF Field stuff." more believable.
>
> I know...
>
> God forbid they find out how much fun QRP can be!
>

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<http://wine.msn.com/>

Date: Mon, 19 Jan 2004 13:41:46 -0800
From: "k6xr" <k6xr@bak.rr.com>
To: <kr8z1@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165776] RE: Repeat and Question sign
Message-ID: <HJEPKNCAMIICOMCCDAKOMEGOCAAA.k6xr@bak.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

they also taught that in the early 50's when I was a Navy radioman

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Jack e wigal
Sent: Monday, January 19, 2004 12:56 PM
To: Low Power Amateur Radio Discussion
Subject: Repeat and Question sign

Back in the early 60's when our Uncle (Sam) taught me Morse Code, we used
INT for a question and IMI was used as a repeat sign. Does anyone know
why hams use IMI for both????
Jack KR8Z

Date: Mon, 19 Jan 2004 15:42:33 -0600
From: Richard Clem <clem.law@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [165777] FOX Tuesday fox hunt announcement.
Message-ID: <353iasVQh6528S08.1074548553@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Along with KR0U, I will be one of your foxi this coming Tuesday. We will= both
be near 7040--one of us below, and one of us above, calling CQ FOX. =

I will start out working split. (I generally like to keep it somewhat cl= ose,
so calling me about 1 or 1.5 kHz above my frequency is a good bet at the beginning.) As things get quieter, I'll be listening closer and closer t= o my
frequency. If you hear my calling a lonely CQ and no other hounds are in=

sight (which sometimes happens after the first hour), I'll probably be listening on my own frequency.

Just send your call, and I'll come back with something like:

W1ABC 599 MN RICK 5W W1ABC DE W0IS K

You send RST, State/Province/Country, Name, and Power. If you hear an RR= RRR
or QSL, you're in the log.

For the rockbound ops, I'll try to listen at least some of the time right= on
7040. QRPPPP'ers are encouraged--I'd love to put a 100 MW in the log! T= he
fun starts Tuesday evening in North America-- 9PM EST, 8 PM CST, 7PM MST,= 6PM
PST, and runs 2 hours. Full rules and details can be found at
<http://www.cqc.org/fox/>

73,
Rick W0IS

Date: Mon, 19 Jan 2004 16:55:56 -0500
From: Jack e wigal <kr8z1@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [165778] Re: Repeat and Question sign
Message-ID: <20040119.165557.-705369.5.kr8z1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Sam, I was talking to a couple ol WW2 ops this morning and they couldn't remember if they used INT or not, so I figured I could get the answer here. Jack

Date: Mon, 19 Jan 2004 15:13:33 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [165779] ARRL Proposal
Message-ID: <Pine.LNX.4.44.0401191457530.5285-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I printed out the ARRL Proposal from the web page and have studied it. In general I really like what was done. The new Novice Class should be easy enough for young people who have a desire to be a Ham and join us on our 75 meter net. They will not be able to use 20 meters. They have a 25 question test and no code required.

The General is just about the same as it is now. Tech and Tech+ will become General automatically. There is no code test for General.

The Extra Class remains exactly as it is today. Same 50 question test and 5 WPM code.

So it does not eliminate the Code Test from the Amatuer Radio examinations but it does allow HF privileges to classes that do not require a code test.

Now my changes. I would require the new Extra Class Ham to have 20 WPM code. I would not have a 50 watt limit on 10 meters. The New Novice can run 100 watts output on all frequencies they can use.

I figure if a guy wants to be Extra, he needs to prove he is

extra good.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Mon, 19 Jan 2004 17:13:04 EST
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [165780] Shack Cleaning For Sale
Message-ID: <1cb.181312d0.2d3db070@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good afternoon,

I have the following items for sale:

1. Fort Smith Sidekick receiver unbuilt with documentation, only opened to look at contents. \$25.00 plus shipping.
2. Norcal Miniboosts 5 watt amplifier, unbuilt with documentation only opened to look at it. \$25.00 plus shipping.
3. Foxx-3 30 meter transceiver from Kanga unbuilt with documentation only opened to look at. \$35.00 plus shipping.

Kits are complete and ready to go.

4. SW+ 20 meter transceiver (built) with enclosure and all documentation no mods. \$55.00 plus shipping.
5. 38 special (built) in enclosure with all documentation. \$35.00 plus shipping.
6. WM-1 wattmeter by Oak Hills Research with documentation \$50.00 plus shipping.

All items to be shipped priority mail to your location from 33830 unless asked to do otherwise.

Reason for selling, saving up for a KX-1 by Elecraft.

Have a great day and thanks for reading.

Steve
N4TKP
Bartow, Florida

Date: Mon, 19 Jan 2004 15:24:08 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [165781] We're still shipping paddles
Message-ID: <400C5908.27D08502@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

We have shipped some more paddles. On Saturday I shipped 65 paddles and tomorrow John Stevens, K5JS, and I will be shipping more. I have updated the list showing paddles shipped up through S/N 428 but expect a few more in a day or so. This batch (batch 4) took a bit longer to get out than we had anticipated. Personal and other type problems slowed us down a bit. My wife had surgery a week ago today and I spent a couple of days with her in the hospital. She is doing fine. We normally try to ship by the date promised but we missed this one by a couple of days. I was hoping we could get caught up with the orders with this batch but we are still about 30-40 paddles backordered. The next batch (batch 5) will be shipped about February 6 or so. Again, it is our hope to get caught up but that depends on how many orders we receive between now and then.

I know it is weird to talk about hot weather while most of the nation is below freezing but here in Arizona, we know it is just a few months away. We usually hit 100 degrees in late April or early May. So, we may have to figure out how to manufacture paddles in 115 degree heat. In fact sometimes my garage gets hotter than that! Right now we are not sure what to do. We are considering scaling back the operation during the hottest months (June-September) and picking it back up next Fall. Now of course all of this assumes we are still selling paddles by then. :-)) We'll let everyone know of our decision.

Have fun building the paddles. As always, we thank you for your support.

Jerry W5JH
AZ ScQRPions
<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Mon, 19 Jan 2004 17:28:22 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165782] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with
'em...
Message-ID: <Pine.GS0.4.58.0401191726510.6653@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jan 2004, Hare,Ed, W1RFI wrote:

> > Curious....is there still a requirement for RTTY stations to ID in cw?
>
> No.

Ah...thank you for the information.

>
> > Couldn't help noticing that the league website is still using silly surveys.
>
> Some people enjoy them. I believe that ARRL, QRZ and eham.net all have surveys.

And of the three mentioned ARRL recently had to apologize all over the place for theirs.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Mon, 19 Jan 2004 14:30:38 -0800
From: "Bill Smith" <billsmith@ispwest.com>
To: <w1rfi@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165783] Re: ARRL Directors Meeting
Message-ID: <007a01c3dedb\$eb731de0\$0203a8c0@hbco>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The proposed frequency refarming increases voice on 40 meters into areas arguably as busy with CW as any band, yet 250 kHz of lightly used CW space remains in the proposal on 80, even though popular SSB/AM is effectively still jammed into the upper 200 kHz of that 500 kHz allocation.

Just curious, what issues were involved to reach this compromise?

73 de Bill, AB6MT
billsmith@ispwest.com

----- Original Message -----

From: Hare, Ed, W1RFI
To: Low Power Amateur Radio Discussion
Sent: Monday, January 19, 2004 12:53 PM
Subject: RE: ARRL Directors Meeting

No flames from me, Bob. This is not exactly what I would have done, but it you ask 10 different hams what should be done, you will get 11 different answers. Clearly, what the ARRL Board has put together is a compromise, but, IMHO, that is exactly what is needed.

I keep coming back in my own mind to what I had to do to enter ham radio in 1963. That Novice exam was so simple (seen with today's eyes) that this 13-year old kid was willing to do it. Today, the Tech exam is not so simple, requiring 80 printed pages of questions in the question pool with study guides that teach the principles involved taking up 200 some-odd pages.

Date: Mon, 19 Jan 2004 17:31:41 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165784] Re: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...

Message-ID: <Pine.GS0.4.58.0401191729000.6653@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jan 2004 bill@n4qa.com wrote:

> Dunno, Thom.

I have been corrected...

>

> But I can imagine that, at some point in the future, CW ops would be obliged
> to ID in 'voice'.

Oh...why that would mean there could be no emission type restrictions.

I guess the next step would be to insure that all commercial transmitters
that now use CW to identify the transmitter use something else.

Thom

<http://www.baltimorehon.com/>

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Date: Mon, 19 Jan 2004 15:35:16 -0700

From: "Bud Haynes" <kv7g@toast.net>

To: <KE4MA@KE4IOF.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [165785] Re: [ke4ma] Re: ARRL Directors Meeting

Message-ID: <001901c3dedc\$85a65df0\$84e8fea9@BUD>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

+++++

My suggestion (although a moot point now)? Give the new "Novice" just enough
spectrum and power to whet his/her appetite (50khz each in 4 of the HF
Bands, split into 25khz CW and 25khz phone, 50 Watts max). Make them find a
General or Extra class ham with whom they are to mentor for up to 1 year
before being eligible for the General or Extra class exam. The ARRL could
provide this "pairing" as a service. The mentor has to sign off at the VE
session, saying that this person is a responsible ham, knows the technology,
etc. Make the General test like the old Advanced test, i.e.. very technical.

Doing something of this nature will better ensure we have conscientious
Amateur Radio Operators.

73,

Mark

+++++

Mark, that is not too far off of what we had the year that you were born.

I will not debate code/nocode with anyone, but I will say that all that you get out of anything is what you put in. Put nothing in, get nothing out.
Bud - KV7G - Yuma, AZ

Date: Mon, 19 Jan 2004 17:39:09 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165786] RE: ARRL Directors Meeting
Message-ID: <Pine.GS0.4.58.0401191733340.6653@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Jan 2004, Hare,Ed, W1RFI wrote:

>
> Ham radio is not dying, but most would agree that hamfest attendance is down
> some; club-meeting attendance is down some; on-the-air activities are down some,
> all not boding well for the future of ham radio. The QRP community is a shining
> exception, but if want to see amateur radio be the vibrant, thriving community
> it once was, we may want to make sure that our newcomers are made part of that
> community from the getgo.

While we shouldn't make entering the hobby extremely difficult, we also need to realize that there are many, many things that may be far more exciting than experiencing ham radio.

There's not a lot of magic left in hearing folks talk over the radio...you don't need a license to get on FRS or use your cell phone.

Admittedly, there are lots of exciting things in Ham radio...but at first glimpse, it may not be exciting.

I don't believe that dumbing down the entrance requirements and eliminating some of the mysteries will entice that many more folks to join us.

Thom

<http://www.baltimorehon.com/>
<http://www.tlchost.net/>

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Date: Mon, 19 Jan 2004 17:41:23 -0500
From: "n3drk" <n3drk@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165787] Fw: ARRL Directors Meeting
Message-ID: <004d01c3dedd\$5db55750\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > ----- Original Message -----

> > From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> > Sent: Monday, January 19, 2004 3:53 PM

> > Subject: RE: ARRL Directors Meeting

> > > Although I would have personally kept code testing in the amateur
radio

> > > service differently than the ARRL proposal, I can hardly argue with
its

> > > statement that if the Extra is the highest testing achievement, it is
> not

> > > unreasonable to expect that it would include proficiency in the
2nd-most

> > > used HF operating mode.

>

Ed, in all due respect but i beg to differ. If the Extra is the highest
testing achievement

the requirement of 5wpm code is very unreasonable. Those ops who prove
themselves

at 20wpm should have the first 25khz of each band for their
accomplishment.

Plain

and simple. Why dont they just do away with the code if they are
promoting

the 5 wpm for an Extra Class. This purely shows a lack of
leadership and commitment to the values and traditions in
Amateur Radio.

> > > At this point, we have two choices -- we can choose to continue the
> > divisions

> > > between the code- and no-code sides, or we can get behind a proposal
> that

> > > contains some elements of both sides and try to rebuild the sense of
> > oneness

> > > and camaraderie that once made amateur radio one community united in a
> > common

> > > cause.

Well I choose to continue my division which exists between the code and no-coders.

Why should I reach out and extend my hand to these people? I have nothing in

common

with them. But I support an organization which does not represent me so why

should I

continue to belong. I really don't belong. For 40 bucks a year this is the best the ARRL

can offer? This is a joke. I would much rather prefered them to eliminate the code and just

give everyone a license than this attitude of compromise. I have

heard a few say

if the ARRL does go against our recommendations that we should continue to support them.

I am certainly not. I am not being represented so once I send off the last batch of qsls to

the bureau I am going to cancel my membership for good. If the ARRL wants new members

they are sure going about it the wrong way.

10-4 Good Buddy.

john-n3drk

> > > Ed Hare, W1RFI

> > >

> > > > -----Original Message-----

> > > > From: owner-qrp-1@Lehigh.EDU

> > > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> > > > Bob Nielsen

> > > > Sent: Monday, January 19, 2004 3:21 PM

> > > > To: Low Power Amateur Radio Discussion

> > > > Subject: Re: ARRL Directors Meeting

> > > >

> > > >

> > > > Considering that just about any position the ARRL board could

> > > > take would

> > > > have significant dissent among the members, I find this proposal to be

> > > > quite well thought-out. It's not necessarily what I would choose, but

> > > > makes sense to me as a compromise between the various positions and

> > > > hopefully the FCC will receive it favorably.

> > > >
> > > > Let the flames begin!
> > > >
> > > > 72/73, Bob N7XY
> > > >
> > > >
> > >
> >
>

Date: Mon, 19 Jan 2004 17:43:59 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165788] RE: ARRL Board proposals made public...I *SUPPOSE* I can live with 'em...
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512643@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

ARRL ran a survey that included code testing as one of the possible =
things that hams
wanted to see accomplished for amateur radio in 2004. A few idiots (and =
I use that
word rarely) decided to spoil everyone's fun by setting up scripts to =
vote their position
again and again -- running the total votes above 25,000. At that point, =
the survey had no
meaning at all, even for the enjoyment of seeing a snapshot of what =
those that chose to
respond to the survey thought about the subject. ARRL pulled the survey =
and ran a
web-page article to explain why. It included an apology, but the ones =
that really=20
SHOULD have apologized were those that thought that destroying the =
survey was
the best thing they could accomplish that day.

Do you really think that this should be a reason for ARRL not to feature =
its surveys
on its web page? If so, I disagree, because when the idiots don't =
decide to play their
games, reading the surveys and the tabulation of responses, on ARRL's =

site and others,=20
can be interesting and fun. I do not think that any of us should change =
what we are
doing in response to such immature and irresponsible behaviour. There =
was little choice
but to pull the defrauded survey, but to take it one step further and =
stop doing them
altogether would not have been helpful at all, IMHO.

I am curious; have you publically criticized the other sites' surveys, =
or do you have an
issue only with ARRL's? Do you think that ARRL should stop doing the =
surveys on
its web page?

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

Member: IEEE C63 - Accredited Standards Committee on Electromagnetic =
Compatibility

Chairman: C63 SC-5, Immunity

Chairman: C63 ad hoc PLC/BPL Working Group

Member: SAE EMC/EMR committees

Member: ICES/IEEE SCC-28 International Committee on Electromagnetic =
Safety

Member/staff: ARRL, The National Association for Amateur Radio

Member/Board of Directors: QRP Amateur Radio Club International

> -----Original Message-----

> From: Thom R. Lacosta [mailto:lacosta@bcpl.net]

> Sent: Monday, January 19, 2004 5:28 PM

> To: Hare,Ed, W1RFI

> Cc: Low Power Amateur Radio Discussion

> Subject: RE: ARRL Board proposals made public...I *SUPPOSE* I can live
> with 'em...

>=20

>=20

> On Mon, 19 Jan 2004, Hare,Ed, W1RFI wrote:

>=20

> > Curious....is there still a requirement for RTTY stations=20

> to ID in cw?

> >

> > No.

>=20
> Ah...thank you for the information.
> >
> > > Couldn't help noticing that the league website is still=20
> using silly surveys.
> >
> > Some people enjoy them. I believe that ARRL, QRZ and=20
> eham.net all have surveys.
>=20
> And of the three mentioned ARRL recently had to apologize all over the
> place for theirs.
>=20
> Thom
>=20
> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon
> <http://www.tlchost.net/> Web Hosting as low as 3.49/month
>=20

Date: Mon, 19 Jan 2004 15:01:35 -0800
From: "Anthony Felino" <wn6q@pacinfotech.com>
To: <qrp-1@lehigh.edu>
Subject: [165789] heil hc-5
Message-ID: <200401191501.AA1258029138@pacinfotech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Guys,
Anyone have a source for a Heil HC-5 mic
element? Apparently, they are no longer sold
as elements, just complete mic assemblies.
Anyone using one in an FT-817? Does it improve
the transmit audio?

Thanks.

af, wn6q

Date: Mon, 19 Jan 2004 18:07:22 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165790] RE: ARRL Board proposals made public...I *SUPPOSE* I can live
with 'em...
Message-ID: <721D3436A7C2B344A301FD4A413C71A90251264B@kosh.arrlhq.org>
content-class: urn:content-classes:message

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> I guess the next step would be to insure that all commercial =
transmitters
> that now use CW to identify the transmitter use something else.

Do I sense another lobster-dinner wager in the making here? :-)

Ed Hare, W1RFI

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Thom R. Lacosta
> Sent: Monday, January 19, 2004 5:32 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Board proposals made public...I *SUPPOSE* I can live
> with 'em...
>=20
>=20
> On Mon, 19 Jan 2004 bill@n4qa.com wrote:
>=20
> > Dunno, Thom.
>=20
> I have been corrected...
> >
> > But I can imagine that, at some point in the future, CW ops=20
> would be obliged
> > to ID in 'voice'.
>=20
> Oh...why that would mean there could be no emission type restrictions.
>=20
> I guess the next step would be to insure that all commercial=20
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>=20
> Thom
>=20
> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon
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>=20

End of QRP-L Digest 3170
